

packed with important facts, and well argued to conclusions wherever there is an argument that can be stated concisely. Where an argument exists but is too long to deserve a place in a small book, Professor Eccles usually states the conclusion dogmatically, which I think is the right (because transparent) policy. Only occasionally does he dress up a shaky or incomplete argument to make it look better than it is. For a few of the dogmatic statements I wish references had been given—for example, that excitatory and inhibitory synapses can be distinguished by electronmicroscopy (p. 8), and that the inhibitory transmitters of the mammalian CNS are glycine and γ -aminobutyric acid (p. 81). These statements have for some years been defensible but not proven; it would be useful to be told what new work has now established them as certain.

G. S. BRINDLEY

TRANSACTIONS OF THE AMERICAN NEUROLOGICAL ASSOCIATION 1972 Vol. 97. Edited by Samuel A. Trufant. (Pp. 392; \$13.50.) Springer: New York. 1973.

This volume is the record of the 97th Annual Meeting of the American Neurological Association held in Chicago in June 1972.

Forty-nine papers with their consequent discussions are printed verbatim, together with Dr. Paul Bucy's presidential address and the Foster Elting Bennett Memorial Lecture given on that occasion by Dr. Julius Metrakos. Paul Bucy's address is analytical and critical of American neurological practice, and makes an eloquent plea for the need to continue the education of the clinical neurologist after he has been trained. Busy clinicians in Britain may sigh wistfully over that.

Julius Metrakos's lecture on the theory and practice of medical genetics in neurology fulfills part at least of that need. It is concise yet wide ranging, challenges clinicians to think in terms of molecular biology and statistics, and holds out prospects of therapy. No neurologist could afford to ignore the message that it conveys.

The papers read and discussed cover a miscellany of subjects. The discussions in particular are full of interest, of pointed questions and of personal experiences, and at times they are very entertaining. Each paper is, of course, quite short, but their publication might have been more useful had a few key references been given after each. Of particular interest are Horwich, Porro, and Posner's contention that subacute sensory neuropathy in the adult is almost pathognomonic of an underlying systemic cancer; Lipton and Teasdale's follow-up study of 34 cases of acute transverse myelopathy in adults, an entity of varied aetiology and prognosis, the poorest results

being related to spinal shock; Wasterlain and Plum's elegant demonstration of the vulnerability of the developing rat brain to seizures; and the interesting observations by Katzman and colleagues on CSF dynamics in presenile dementia.

Abstracts of a further 56 papers 'read by title' are also given. Many of these reflect the intense study of the chemotherapy of Parkinsonism and its complications, and the perhaps swindling role of surgery in this disease. It is always a pleasure to read Miller Fisher's articles, since they usually convey his clinical experiences and judgements so well. His brief query, 'Is pressure on nerves and roots a common cause of pain?' is no exception. Similarly Saba and King's observations on prodromal signs and symptoms of aneurysms leading 'to the diagnosis while many (patients) remain favourable candidates for treatment' deserves emphasis and publicity.

The 1972 *Transactions* offer a splendid package of what is currently going round in American neurological circles.

IAN D. MELVILLE

PATHOLOGY OF MENTAL RETARDATION By L. Crome and J. Stern. (Pp. 544; illustrated; £9.) Churchill Livingstone: Edinburgh. 1972.

The first edition of this book was so well received by clinicians and pathologists that one would not expect many radical changes. The second edition, however, is more than 100 pages larger than the first, there is an extremely useful additional chapter incorporating synopses of some 200 syndromes, a wealth of new material has been added, and the bibliography has been greatly expanded. Indeed, it is probably as up to date as any book of this type can be. One of its great assets is that the authors, experts in the fields of pathology and biochemistry respectively, clearly have such wide-ranging clinical interests that they can write authoritatively on all aspects of mental retardation. It can be recommended as the standard textbook on the pathology of mental retardation without hesitation, and one that should be of interest to anyone who encounters cases of mental retardation.

J. HUME ADAMS

NOTICE

THIRD INTERNATIONAL MEETING IN PEDIATRIC NEUROLOGY AND NEUROSURGERY 27 February–2 March 1974, Mexico City. Details from Dr. Fernando Rueda-Franco, Neurology and Neurosurgery Service, Hospital Del Niño IMAN, Av. Insurgentes Sur 3700-C, Mexico 22, D.F. (Mexico).

Index to Volume 36, 1973

Page numbers preceded by '(P)' refer to the summaries of papers at the Meetings of the Society of British Neurological Surgeons

- Abductor pollicis brevis muscle, electromyographic silent period in, produced by supramaximal electrical stimulation in normal subjects, 334
- Abscess, cerebral, non-otogenic, 607
—, review of 89 cases over 30 years, 757
- Acetylcholine, intra-arterial injection of, neuromuscular block after, effect of ACTH treatment in myasthenia gravis and detection of desensitization of receptors, 271
—, —, —, —, —, technique and analysis of results, 265
- Acropathie ulcéro-mutilante familiale (hereditary sensory neuropathy), 585
- ADAMS, C. B. T.: Movement and myelopathy (P), 155
- Adenomas, pituitary, complicated by hydrocephalus, 1063
—, —, intracranial dissemination of, 199
- Adrenocorticotrophic hormone treatment, effect on neuromuscular block after intra-arterial injection of acetylcholine in myasthenia gravis, and detection of desensitization of receptors, 271
- AFIFI, A. K., BERGMAN, R. A., and ZELLWEGER, H.: A possible role for electron microscopy in detection of carriers of Duchenne type muscular dystrophy, 643
- Africans, Nigerian, prognosis of Guillain-Barré syndrome in, 478
- AGARWAL, G. C. See GÖTTLIEB, G. L., and AGARWAL, G. C.
- AGBEI, K. See OSUNTOKUN, B. O., and AGBEI, K.
- AGUILERA, N. See MCCOMAS, A. J., SICA, R. E. P., UPTON, A. R. M., and AGUILERA, N.
- Aicardi's syndrome (P), 887
- ALDERMAN, B. See COCHRANE, P., and ALDERMAN, B.
- Allergic neuritis, experimental, hypersensitivity to nervous system antigens in, study by macrophage inhibition technique, 139
- Alpha methyl dopa hydrazine (MK 486) and L-dopa therapy, lack of response in Parkinson's disease to, analysis of six cases of, 362
—, —, —, —, —, combined with levodopa in treatment of Parkinson's disease, 10
- Alpha-blocking agent, intra-arterial (phenoxybenzamine), effect on cortical blood flow rate (P), 885
- ALTROCCHI, P. H., and ECKMAN, P. B.: Meningeal carcinomatosis and blindness, 206
- ALVAREZ, J. A. G. See SANCHIS, J. F., and ALVAREZ, J. A. G.
- Amantadine, interaction with L-dopa in Parkinsonism, 354
— treatment in Creutzfeldt-Jakob disease, two cases of, 581
- AMINOFF, M. J., WILCOX, C. S., WOAKES, M. M., and KREMER, M.: Levodopa therapy for Parkinsonism in the Shy-Drager syndrome, 350
- Amitriptyline prophylaxis in migraine, clinical trial of, 684
- Amphetamine, levo(—) and dextro(+), in treatment of narcolepsy, 1076
- Anaesthesia, halothane, deep, hypotension produced by, cerebral circulatory and metabolic effects in baboons, 898
- ANDERSON, J. R., and TREIP, C. S.: Hypertrophic olivary degeneration and Purkinje cell degeneration in a case of long-standing head injury, 826
- Anderson-Fabry disease, histopathological findings and mechanism of pain production in, 1053
- ANDREOLI, V. M., MAFFEI, F., TONON, G. C., and ZIBETTI, A.: Significance of plasma lysolecithin in patients with multiple sclerosis: a longitudinal study, 661
- ANDREW, J., and RUDOLF, N.: Somatic representation in the human thalamus (P), 154
- ANDREWS, C. J.: Influence of dystonia on the response to long-term L-dopa therapy in Parkinson's disease, 630
—, and BURKE, D.: Quantitative study of the effect of L-dopa and phenoxybenzamine on the rigidity of Parkinson's disease, 321
—, NEILSON, P. D., and KNOWLES, L.: Electromyographic study of the rigidospasticity of athetosis, 94
—, —, and LANCE, J. W.: Comparison of stretch reflexes and shortening reactions in activated normal subjects with those in Parkinson's disease, 329
—, See also NEILSON, P. D., and ANDREWS, C. J.
- ANDY, O. J. See JURKO, M. F., and ANDY, O. J.
- Aneurysmal bone cyst of spine, 112
- Aneurysms, cerebral, traumatic, clinical features and natural history of, 127
—, posterior communicating, and oculomotor paralysis (P), 889
—, surgery of, vasospasm after, hypothesis based on fluidics for (P), 887
- Angiographic changes, specific, in acute herpes simplex encephalitis (P), 888
- Ankle jerk, patterns of change after cutaneous stimulation, 282
- Antibodies, measles, serum, in multiple sclerosis, 57
- Anticholinergic drugs, effect of withdrawal and addition to levodopa in Parkinson's disease, 936
- Anticonvulsant drugs, effect on spike propagation of motor nerves and skeletal muscle, 574
- Antigens, nervous system, hypersensitivity to, study by macrophage inhibition technique in experimental allergic neuritis, 139
- APPENZELLER, O., and OGIN, G.: Myelinated fibres in the human paravertebral sympathetic chain: quantitative studies on white rami communicantes, 777
- Arterial PCO₂ changes after carotid ligation, effect on cerebral blood flow in baboons, 736
— spasm and slowing of cerebral circulation in ischaemia of head injury, 1069
- Arteriovenous malformations, intracranial (P), 885
- Arthritis, rheumatoid, chronic, subforaminal osseous disease in (P), 889
- Arthropathy, tabetic, of spine, cauda equina compression due to, 260
- ASHCROFT, G. W. See HARRIS, P., ASHCROFT, G. W., TOWNSEND, H. R. A., DOW, R. C., and MCQUEEN, J. K.
- Association of British Neurologists: Meeting (with Society of British Neurological Surgeons), 885
- Astrocytes, hypertrophic, as criterion of perinatal telencephalic leucoencephalopathy, 383
- Ataxia, Friedreich's, evolution of diabetes mellitus in case of, 484
- Athetosis, rigidospasticity of, electromyographic study of, 94
—, tonic stretch reflex in, comparison during rest and voluntary activity, 547
- ATKINSON, J. R. See CARTER, L. P., and ATKINSON, J. R.
- Atrophy, denervation, and muscular dystrophy, pathological similarities between, 399
—, muscular, neurogenic, familial, oculopharyngeal involvement in, 104
- Azathioprine treatment, long-term, in multiple sclerosis, 124
- Baclofen, effect on monosynaptic and tonic vibration reflexes in spasticity, 555
- BALE, P. M.: A congenital intraspinal gastroenterogenous cyst in diastematomyelia, 1011
- BALLANTYNE, J. P., and CAMPBELL, M. J.: Electrophysiological study after surgical repair of sectioned human peripheral nerves, 797
- BANERJI, A. K. See PRAKASH, B., BANERJI, A. K., and TANDON, P. N.
- BARLOW, M. B. See ISAACS, H., and BARLOW, M. B.
- BARRY, P. E. See MARSDEN, C. D., BARRY, P. E., PARKES, J. D., and ZILKHA, K. J.
- BARTAL, A. D., DJALDETTI, M. M., MANDEL, E. M., and LERNER, M. A.: Dumb-bell neurinoma of the hypoglossal nerve, 592
- BEAUMONT, J. G., and DIMOND, S. J.: Clinical assessment of interhemispheric psychological functioning, 445
- BEELEY, J. M., DALY, J. J., TIMPERLEY, W. R., and WARNER, J.: Ectopic pinealoma: an unusual clinical presentation and a histochemical comparison with a seminoma of the testis, 864
- BEHAN, P. O. See SHEREMATA, W. A., and BEHAN, P. O.
- BEKS, J. W. F. See FRONT, D., MINDERHOUD, J. M., BEKS, J. W. F., and PENNING, L.
- BELL, D. S. See WHITE, Y. S., BELL, D. S., and MELLICK, R.
- BELLER, A. J., SAHAR, A., and PRAISS, I.: Brain abscess: review of 89 cases over a period of 30 years, 757
- BENOIT, B. G., and WORTZMAN, G.: Traumatic cerebral aneurysms: clinical features and natural history, 127
- Benzhexol treatment additional to levodopa in Parkinson's disease, 936
- BERGMAN, R. A. See AFIFI, A. K., BERGMAN, R. A., and ZELLWEGER, H.
- Beta adrenergic blocking agents. See Propranolol
- BETHLEM, J. See OOSTERHUIS, H., and BETHLEM, J.
- Biceps brachii muscle, procaine infiltration into, effect on supraspinal control of reflex transmission, 87
- Binasal hemianopia, 697
- Bladder dysfunction, neurogenic, due to degenerative lumbar spondylosis, clinical and radiological aspects of (P), 888
—, neurogenic, electronic control of (P), 154
- BLANCO, M. See GIMENO, A., TRUEBA, J. L., BLANCO, M., and GOSALVEZ, M.
- Blindness and meningeal carcinomatosis, 206
- BLOGG, T. See CACCIA, M. R., MCCOMAS, A. J., UPTON, A. R. M., and BLOGG, T.

- Blood flow, cerebral, after carotid ligation in baboons, in response to altered arterial PCO_2 , 736
- , —, changes during increase in intracranial pressure due to supratentorial and infratentorial mass lesions in baboons, 161
- , —, regulation of, abnormal, in complete cervical cord transection (P), 885
- , —, cortical, in controlled hypotension as measured by thermal diffusion, 906
- , —, rate of, effect of intra-arterial alpha-blocking agent (phenoxylbenzamine) (P), 885
- , —, spinal cord, effect of blood gases in dogs, 42
- , —, —, effect of blood pressure in dogs, 914
- , —, —, normal patterns of, in dogs, 42
- , —, pressure, effect on spinal cord blood flow in dogs, 914
- Body-build. See Physique
- BOND, M. R. See TURNER, J., and BOND, M. R.
- Bone cyst, aneurysmal, of spine, 112
- Book reviews:
- Advances in Biochemical Psychopharmacology*, Vol. 4, *Role of Vitamin B₆ in Neurobiology*, 1972, 696
- Alpers, B. J., and Mancall, E. L.: *Clinical Neurology*, 6th ed., 1971, 320
- , and Mancall, E. L.: *Essentials of the Neurological Examination*, 1971, 159
- Austin, G., ed.: *The Spinal Cord*, 2nd ed., 1972, 894
- Baldwin, J. A., ed.: *Aspects of the Epidemiology of Mental Illness: Studies in Record Linkage*, 1972, 159
- Bennett, M. R.: *Autonomic Neuromuscular Transmission*, 1972, 891
- Bickerstaff, E. R.: *Neurological Examination in Clinical Practice*, 3rd ed., 1973, 893
- : *Neurology for Nurses*, 2nd ed., 1971, 1091
- Biernond, A.: *Brain Diseases*, 1970, 492
- Bors, E., and Comarr, A. E.: *Neurological Urology*, 1971, 493
- Braakman, R., and Penning, L.: *Injuries of the Cervical Spine*, 1971, 693
- Brady, J. V., and Nauta, W. J. H.: *Principles, Practices and Positions in Neuropsychiatric Research*, 1972, 695
- Brimblecombe, R. W., and Pinder, R. M.: *Tremors and Tremorogenic Agents*, 1972, 158
- British Medical Bulletin*, Vol. 27, No. 3, *Cognitive Psychology*, 1971, 1091
- Cambier, J., and Masson, M.: *Abrégé de Neurologie*, 1972, 1090
- Carpenter, M. B.: *Core Text of Neuroanatomy*, 1972, 892
- Chalmers, N., Crawley, R., and Rose, S., eds.: *The Biological Basis of Behaviour*, 1971, 492
- Clarke, A. D. B., and Lewis, M. M., eds.: *Learning, Speech and Thought in the Mentally Retarded*—Symposia 4 and 5, 1972, 1091
- Clayton, B. E., ed.: *Mental Retardation: Environmental Hazards*—Symposia 9, 10, and 11, 1973, 1092
- Critchley, M., O'Leary, J. L., and Jennett, B., eds.: *Scientific Foundations of Neurology*, 1972, 895
- Crome, L., and Stern, J.: *Pathology of Mental Retardation*, 1972, 1093
- Curtis, B. A., Jacobson, S., and Marcus, E. M.: *An Introduction to the Neurosciences*, 1972, 491
- Diamond, S.: *The Double Brain*, 1972, 495
- Dichgans, J., and Buzzi, E., eds.: *Cerebral Control of Eye Movements and Motion Perception*, 895
- Eccles, J. C.: *The Understanding of the Brain*, 1973, 1092
- Field, E. J., Bell, T. M., and Carnegie, P. R., eds.: *Multiple Sclerosis*, 1972, 157
- Fieschi, C., ed.: *Cerebral Blood Flow and Intracranial Pressure*, 1972, 1090
- Fiorentino, W. R.: *Normal and Abnormal Development*, 1972, 693
- Ford, D. H., ed.: *Influence of Hormones on the Nervous System*, 1971, 494
- Forest, A., ed.: *Companion to Psychiatric Studies*, 1973, 1091
- Foulds, G. A., and Caine, T. M.: *Personality and Personal Illness*, 1965, 495
- Freemon, F. R.: *Sleep Research: A Critical Review*, 1972, 1090
- Gaze, R. M.: *The Formation of Nerve Connections*, 1970, 159
- Glick, D., ed.: *Analysis of Biogenic Amines and Their Related Enzymes*, 1971, 158
- Goodglass, H., and Kaplan, E.: *The Assessment of Aphasia and Related Disorders*, 1972, 894
- Grinspoon, L., Ewalt, J. R., and Shader, R. I.: *Schizophrenia: Pharmacotherapy and Psychotherapy*, 1972, 696
- Hécaen, H.: *Introduction à la Neuropsychologie*, 1972, 1089
- Hockman, C. H., ed.: *Limbic System Mechanisms and Autonomic Function*, 1972, 692
- Holt, K. S. et al., eds.: *Mental Retardation: Occasional Papers*, 2, 3, and 4, 1973, 695
- Illis, L. S., and Gostling, J. V. T.: *Herpes Simplex Encephalitis*, 1973, 894
- James, M., and Lassmann, L. P.: *Spinal Dysraphism: Spina Bifida Occulta*, 1971, 494
- Janzen, R., et al.: *Pain*, 1972, 696
- Jenkins, J. S.: *Pituitary Tumours*, 1973, 1092
- Kendall, H. O., Kendall, P. F., and Wadsworth, G. E.: *Muscles: Testing and Function*, 2nd ed., 1972, 158
- Kiloh, L. G., McComas, A. J., and Osselton, J. W.: *Clinical Electroencephalography*, 693
- Kirsch, W. M., Paoletti, E. G., and Paoletti, P., eds.: *The Experimental Biology of Brain Tumors*, 494
- Kisker, K. P. et al., eds.: *Psychiatrie der Gegenwart: Forschung und Praxis*, 1972, 495
- : *Psychiatrie der Gegenwart: Klinische Psychiatrie*, II, 1972, 1091
- Kunz, R. M., and Fehr, H., eds.: *The Challenge of Life: Biomedical Progress and Human Values*, 1972, 1089
- Laumay, C., and Borel-Maisonny, S.: *Les Troubles du Langage de la Parole et de la Voix chez l'Enfant*, 1972, 896
- Lerner, E. A.: *The Projective Use of the Bender Gestalt*, 1972, 895
- McAlpine, D., Lumsden, C. E., and Acheson, E. D.: *Multiple Sclerosis: A Reappraisal*, 1972, 893
- Manocha, S. L.: *Malnutrition and Retarded Human Development*, 1972, 893
- Martini, L., and Ganong, W. P., eds.: *Frontiers in Neuroendocrinology*, 1971, 157
- Meredith, P.: *Dyslexia and the Individual*, 1972, 491
- Meunier, J.: *Toxicologie d'Urgence*, 1972, 895
- Meyer, J. S., and Schade, J. P., eds.: *Cerebral Blood Flow*, 1972, 159
- Minckler, J.: *Introduction to Neuroscience*, 1972, 694
- Naidoo, S.: *Specific Dyslexia*, 1972, 1089
- Neil, E., ed.: *Handbook of Sensory Physiology*, Vol. 3, *Enteroreceptors*, 1972, 319
- Newton, T. N., and Potts, D. G., eds.: *Radiology of the Skull and Brain*, Vol. 1, *The Skull*, 1972, 157
- Niedermeyer, E.: *The Generalized Epilepsies*, 1972, 694
- Plum, F., and Posner, J. B., eds.: *The Diagnosis of Stupor and Coma*, 1972, 892
- Poeck, K.: *Neurologie*, 1972, 319
- Potchen, E. J., and McCready, V. R.: *Progress in Nuclear Medicine*, Vol. 1, *Neuro-Nuclear Medicine*, 1972, 691
- Progress in Neurological Surgery*, Vol. 4, 1971, 695
- Rubinstein, L. J.: *Tumours of the Central Nervous System*, 1972, 891
- Ruščák, M., and Ruščáková, D.: *Metabolism of the Nerve Tissue in Relation to Ion Movements in vitro and in situ*, 1972, 694
- Sim, M., and Gordon, E. B.: *Basic Psychiatry*, 1972, 495
- Smith, B.: *The Neuropathology of the Alimentary Tract*, 1972, 692
- Smorto, M. P., and Basmajian, J. V.: *Clinical Electroneurography*, 1972, 491
- Snyder, S. H., ed.: *Perspectives in Neuropharmacology: A Tribute to Julius Axelrod*, 1972, 319
- Transactions of the American Neurological Association*, Vol. 97 (1972), 1973, 1093
- Vinken, P. J., and Bruyn, G. W., eds.: *Vascular Diseases of the Nervous System*, Parts I and II (Handbook of Clinical Neurology, Vols. 11 and 12), 1972, 694
- Wells, P. N. T.: *Ultrasonics in Clinical Diagnosis*, 1972, 692
- Wilson, M.: *Review of Anatomic Foundation of Neuroradiology of the Brain*, 2nd ed., 1972, 892
- Wolf, S. M., Munsat, T. L., and Dunne, P. B.: *Neurology Case Studies*, 1972, 492
- Zambotti, V., Tettamanti, G., and Arrigoni, M.: *Glycolipids, Glycoproteins, and Mucopolysaccharides of the Nervous System*, 1972, 493
- Books received, 160, 496, 896
- BOUCH, D. C., MITCHELL, I., and MALONEY, A. F. J.: Ependymal lined paraventricular cerebral cysts: a report of three cases, 611
- BOWER, B. D.: Uncommon episodic phenomena in young children (P), 887
- BRADLEY, W. G., HUDGSON, P., GARDNER-MEDWIN, D., and WALTON, J. N.: The syndrome of myosclerosis, 651
- : See also ISAACS, E. R., BRADLEY, W. G., and HENDERSON, G.
- Brain abscess, review of 89 cases over 30 years, 757
- death after artificial cerebral ischaemia in baboons and cats, morphological and ultrastructural characteristics of, 497
- extracellular space, development in hydrocephalic (HY-3) mice (P), 155
- Breast cancer, numb chin in, 211
- Breathing, periodic, and hypersomnia, effect of tracheostomy in, 15
- BRICE, J., DWYER, G., CRUIKSHANK, G., and STOTT, B.: Metabolic response to subarachnoid bleeding (P), 885
- BRIDGES, P. K., and JONES, M. T.: Relationships between some psychological assessments, body-build, and physiological stress responses, 839
- BRIGNANI, F. See LUGARESI, E., COCCAGNA, G., MANTOVANI, M., and BRIGNANI, F.
- Brocresine, role in inhibition of decarboxylase and potentiation of levodopa in Parkinson's disease, 27
- BROWN, J. K., INGRAM, T. T. S., and SESHIA, S. S.: Patterns of decerebration in infants and children: defects in homeostasis and sequelae, 431
- BROWN, W. F.: Thenar motor unit count estimates in the carpal tunnel syndrome, 194
- BURKE, D. See ANDREWS, C. J., and BURKE, D.
- BUXTON, P. H. See COCHRANE, P., HUGHES, R. R., BUXTON, P. H., and YORKE, R. A.
- : See LEWKONIA, R. M., and BUXTON, P. H.

- CACCIA, M. R., MCCOMAS, A. J., UPTON, A. R. M., and BLOGG, T.: Cutaneous reflexes in small muscles of the hand, **960**
- CALLAGHAN, N., KEARNEY, B., and LOVE, W. C.: Dietary intake of linoleic acid in multiple sclerosis and other diseases, **668**
- CAMPBELL, M. J., MCCOMAS, A. J., and PETITO, F.: Physiological changes in ageing muscles, **174**
- See also BALLANTYNE, J. P., and CAMPBELL, M. J.
- Capgras syndrome (illusion des sosies) (P), **887**
- Carcinoma of breast, numb chin in, **211**
- Carcinomatosis, meningeal, and blindness, **206**
- Cardiocirculatory arrest, resuscitation from, EEG findings after, **997**
- Carotid artery ligation, cerebral blood flow in baboons after, in response to altered arterial PCO₂, **736**
- Carotid-cavernous fistula, unusual, surgical management of, **1073**
- Carpal tunnel syndrome, thenar motor unit count estimates in, **194**
- , ulnar nerve lesions associated with, **118**
- CARTER, L. P., and ATKINSON, J. R.: Cortical blood flow in controlled hypotension as measured by thermal diffusion, **906**
- CARUSO, G., LABIANCA, O., and FERRANNINI, E.: Effect of ischaemia on sensory potentials of normal subjects of different ages, **455**
- CASPARY, E. A. See FIELD, E. J., and CASPARY, E. A.
- Cauda equina compression due to tabetic arthropathy of spine, **260**
- CENDROWSKI, W., POLNA, I., and NIEDZIELSKA, K.: Serum measles antibodies in multiple sclerosis, **57**
- Central nervous system. See Nervous system, central
- Cephalic tetanus, electrophysiological studies of, **296**
- Cerebellum. See Dentate nucleus
- Cerebral abscess, non-otogenic, **607**
- aneurysms, traumatic, clinical features and natural history of, **127**
- artery, middle, occlusion of, cerebrovascular response to intracarotid injection of serotonin before and after, **724**
- blood flow after carotid ligation in baboons, in response to altered arterial PCO₂, **736**
- changes during increase in intracranial pressure due to supratentorial and infratentorial mass lesions in baboons, **161**
- regulation, abnormal, in complete cervical cord transection (P), **885**
- circulation, slowing of, and arterial spasm in ischaemia of head injury, **1069**
- circulatory and metabolic effects of hypotension produced by deep halothane anaesthesia in baboons, **898**
- cysts, paraventricular, ependymal-lined, **611**
- gliomas, multiple, in multiple sclerosis, **523**
- lesions, posterior, left, right and bilateral, effects on spatial orientation, **448**
- , unilateral, dysphagia in, **853**
- Cerebrospinal fluid homovanillic acid levels in relation to levodopa response in Parkinson's disease, **747**
- IgG specific for measles or herpes simplex in multiple sclerosis (P), **889**
- injections into spinal cord, syringomyelia produced in dogs by, **467**
- , monoamine metabolites measured in, sites of origin in central nervous system of, **625**
- , resistance to drainage of, clinical measurement by ITSIT and significance of, **313**
- shunts, effect on intracranial CSF pressure and dynamics, measurements by new technique, **302**
- , relation to concept of hydrocephalus, **308**
- Cerebrovascular response to intracarotid injection of serotonin before and after middle cerebral artery occlusion, **724**
- Cervical cord, central, injury of, hyperpathia in, **637**
- transection, complete, abnormal cerebral blood flow regulation in (P), **885**
- , upper, compression of, with symptoms and signs of lower cord dysfunction, clinicopathological explanation of (P), **886**
- cordotomy, percutaneous, for relief of intractable pain (P), **889**
- spine, movements of, and development of myelopathy in spondylolysis (P), **155**
- spondylolysis with myelopathy, surgical treatment of, results over 10 years, **879**
- CERVOS-NAVARRO, J. See MATAKAS, F., CERVOS-NAVARRO, J., and SCHNEIDER, H.
- Chin, numbness of, in breast cancer, **211**
- Choreaethetosis, paroxysmal kinesigenic, clinical pattern and response to L-dopa, **921**
- CHOUDHURY, A. R., FRASER, R. J. A., MACDONALD, A. F., and NICHOLS, W. M.: Investigation of unilateral proptosis (P), **153**
- CHRISTENSON, J. C.: Third ventricle tumours: direct surgical attack in 42 cases (P), **152**
- Circulation, cerebral, slowing of, and arterial spasm in ischaemia of head injury, **1069**
- Cisternal myelography using Conray, **877**
- Cisternography, isotope, diagnosis of leptomeningeal cysts by, **1018**
- COCCAGNA, G. See LUGARESI, E., COCCAGNA, G., MANTOVANI, M., and BRIGNANI, F.
- COCHRANE, P., and ALDERMAN, B.: Normal pregnancy and successful delivery in myophosphorylase deficiency (McArdle's disease), **225**
- , HUGHES, R. R., BUXTON, P. H., and YORKE, R. A.: Myophosphorylase deficiency (McArdle's disease) in two interrelated families, **217**
- Cognition, changes after thalamotomy, correlation with site of lesion, **846**
- Conray (meglumine iothalamate), cisternal myelography using, **877**
- Contingent negative variation and excitability of spinal monosynaptic reflex, relationship between, **1003**
- Conus medullaris, tethered, in children (P), **156**
- COOK, P. L.: Gas myelography in the investigation of spinal dysraphism (P), **890**
- COOPER, R. See MORGAN, M. H., HEWER, R. L., and COOPER, R.
- See PAPAKOSTOPOULOS, D., and COOPER, R.
- COOPER, W. See JOFFE, B. I., SEGAL, I., and COOPER, W.
- CORBETT, J. L., EIDELMAN, B. H., and FRANKEL, H. L.: Abnormal cerebral blood flow regulation in subjects with complete cervical cord transection (P), **885**
- Cordotomy, cervical percutaneous, for relief of intractable pain (P), **889**
- CORONEOS, N. J., MCDOWALL, D. G., GIBSON, R. M., PICKERODT, V. W. A., and KEANEY, N. P.: Measurement of extradural pressure and its relationship to other intracranial pressures: an experimental and clinical study, **514**
- See also KEANEY, N. P., PICKERODT, V. W. A., MCDOWALL, D. G., CORONEOS, N. J., TURNER, J. M., and SHAH, Z. P.
- Corpus callosum and neocortex of developing rat brain, enzyme response to trauma in, histochemistry of, **1046**
- Cortical blood flow in controlled hypotension as measured by thermal diffusion, **906**
- rate, effect of intra-arterial alpha-blocking agent (phenoxybenzamine) (P), **885**
- COX, B., DANTA, G., SCHNIEDEN, H., and YUILL, G. M.: Interactions of L-dopa and amantadine in patients with Parkinsonism, **354**
- Cranial and spinal meningiomas in pair of identical twin boys, **368**
- Craniectomy, occipital, for transient vertebrobasilar insufficiency (P), **890**
- Creatine phosphokinase, serum, estimation in malignant hyperpyrexia, muscle studies in asymptomatic carriers identified by, **228**
- Creutzfeldt-Jakob disease, amantadine treatment in two cases of, **581**
- CROCKARD, H. A. See GORDON, D. S., and CROCKARD, H. A.
- CROWLEY, J. N. See SHENKIN, H. A., and CROWLEY, J. N.
- CRUIKSHANK, G. See BRICE, J., DWYER, G., CRUIKSHANK, G., and STOTT, B.
- CRUTCHFIELD, C. A., and GUTMANN, L.: Hereditary aspects of accessory deep peroneal nerve, **989**
- CRYMBLE, B.: Occipital craniectomy for transient vertebrobasilar insufficiency (P), **890**
- CUMMINS, B. H. See GRIFFITH, H. B., CUMMINS, B. H., GRIFFITHS, P., GREENBAUM, R., STADDEN, G., WILKINS, D., and ZORAB, J.
- CUNNINGHAM, T. J. See HORTON, J., MEANS, E. D., CUNNINGHAM, T. J., and OLSON, K. B.
- Cutaneous reflexes in small muscles of hand, **960**
- stimulation, patterns of change in reflex excitability (ankle jerk) after, **282**
- Cysts, cerebral, paraventricular, ependymal-lined, **611**
- , intraspinal gastroenterogenous, congenital, in diastematomyelia, **1011**
- , leptomeningeal, diagnosis by isotope cisternography, **1018**
- DALY, J. J. See BEELEY, J. M., DALY, J. J., TIMPERLEY, W. R., and WARNER, J.
- DANTA, G. See COX, B., DANTA, G., SCHNIEDEN, H., and YUILL, G. M.
- DAROFF, R. B. See GARCIA-MULLIN, R., and DAROFF, R. B.
- DASTUR, D. K., and RAZZAK, Z. A.: Possible neurogenic factor in muscular dystrophy: its similarity to denervation atrophy, **399**
- Death, cerebral. See Brain death
- Decarboxylase inhibitors. See Alpha methyl dopa hydrazine, Brocresine
- Decerebration patterns, defects in homeostasis and sequelae, in infants and children, **431**
- DE LA TORRE, J. C. See MULLAN, S., DE LA TORRE, J. C., KAJIHARA, K., and KAWANAGA, H.
- Dementia, limbic, **421**
- Demyelinating disease, diffuse, absence of nystagmus during REM sleep in patient with waking nystagmus and oscillopsia associated with, **833**
- Denervation atrophy and muscular dystrophy, pathological similarities between, **399**
- Dentate nucleus, Purkinje cell axons in, pathological changes in terminal parts of, **596**
- Depression in Parkinsonism, effect of levodopa, **925**
- DE SILVA, K. L., and PEARCE, J.: Neuropathy of metachromatic leucodystrophy, **30**
- DEVADIGA, K. V., and GASS, H. H.: Chronic lumbar extradural haematoma simulating disc syndrome, **255**
- Diabetes mellitus, evolution in case of Friedreich's ataxia, **484**
- , post-ischaemic paraesthesiae in, **288**
- Diabetic neuropathy, sensory nerve conduction in upper limbs at various stages of, **786**
- Diastematomyelia, congenital intraspinal gastroenterogenous cyst in, **1011**
- Dimethyl sulphoxide in experimental head and spinal injuries (P), **153**
- DIMOND, S. J. See BEAUMONT, J. G., and DIMOND, S. J.
- DINAKAR, I. See HITCHCOCK, E., and DINAKAR, I.
- Disc syndrome, herniated, chronic lumbar extradural haematoma simulating, **255**

- DJALDETTI, M. M. See BARTAL, A. D., DJALDETTI, M. M., MANDEL, E. M., and LERNER, M. A.
- L-Dopa. See Levodopa
- DOUGLAS, A. C., MACLEOD, J. G., and MATTHEWS, J. D.: Symptomatic sarcoidosis of skeletal muscle, 1034
- , and MALONEY, A. F. J.: Sarcoidosis of central nervous system, 1024
- DOW, R. C. See HARRIS, P., ASHKROFT, G. W., TOWNSEND, H. R. A., DOW, R. C., and MCQUEEN, J. K.
- DU BOULAY, E. P. G. H. See O'CONNELL, J. E. A., and DU BOULAY, E. P. G. H.
- Duchenne muscular dystrophy, carriers of, role of electron microscopy in detection of, 643
- DUNN, T. L. See SANDERS, W. L., and DUNN, T. L.
- DWYER, G. See BRICE, J., DWYER, G., CRUIKSHANK, G., and STOTT B.
- Dysphagia in unilateral cerebral lesions, 853
- Dysraphism, spinal, investigation by gas myelography (P), 890
- Dystonia, effect on response to long-term L-dopa therapy in Parkinson's disease, 630
- Dystrophy, glio-neuronal, spongy, 50
- , muscular, Duchenne, carriers of, role of electron microscopy in detection of, 643
- , —, efficiency of muscles *in vitro* from mice with, 565
- , —, longitudinal fibre splitting in, serial cinematographic study in mouse fibres, 813
- , —, neurogenic factor and similarities to denervation atrophy in, evidence for, 399
- , —, synaptogenesis in cell cultures of neurones and myotubes from chickens with, 389
- ECKMAN, P. B. See ALTROCCHI, P. H., and ECKMAN, P. B.
- EIDELMAN, B. H. See CORBETT, J. L., EIDELMAN, B. H., and FRANKEL, H. L.
- Electrical stimulation, supramaximal, electromyographic silent period in abductor pollicis brevis muscle produced by, in normal subjects, 334
- Electroencephalographic findings after resuscitation from cardio-circulatory arrest, 997
- Electromyographic silent period in abductor pollicis brevis muscle produced by supramaximal electrical stimulation in normal subjects, 334
- studies in foramen magnum meningioma, 561
- study of rigidity of atrophy, 94
- Electromyography, single fibre, study of H-reflex responses of motoneurons by, 951
- Electron microscopy, role in detection of carriers of Duchenne muscular dystrophy, 643
- Electronic control of neurogenic bladder (P), 154
- Electrophysiological assessment of recovery in sectioned peripheral nerves after surgical repair, 797
- studies of cephalic tetanus, 296
- of ulnar nerve lesions associated with carpal tunnel syndrome, 118
- Electroretinogram and visual evoked response in neuronal lipidosis with diagnostic EEG features, 61
- Encephalitis, chronic, epilepsy due to? (P), 153
- , herpes simplex, acute, specific angiographic changes in (P), 888
- Encephalomeningocoeles, sincipital (P), 156
- Enzyme response to trauma in neocortex and corpus callosum of developing rat brain, histochemistry of, 1046
- Ependymal-lined paraventricular cerebral cysts, 611
- Epilepsy due to 'chronic encephalitis' (P), 153
- , experimental (P), 153
- Episodic phenomena, uncommon, in young children (P), 887
- Ergotamine tartrate treatment in migraine (P), 889
- ESPIR, M. L. E., and MATTHEWS, W. B.: Hereditary quadriceps myopathy, 1041
- EVANS, J. P.: Dilemma of the foreign medical graduate (P), 156
- Extensor digitorum brevis muscle of foot, anomalous innervation by accessory deep peroneal nerve, hereditary aspects of, 989
- — — muscles, physiological changes in, assessment of muscle wastage in elderly from, 174
- hallucis brevis muscles, isometric twitch contractions in, assessment of muscle strength in boys of different ages from, 171
- Extradural pressure, measurement and relationship to other intracranial pressures, 514
- Fabry's disease. See Anderson-Fabry disease
- FARIS, A. A. See LEMMI, H., HUBBERT, C. H., and FARIS, A. A.
- FENTON, G. W. See PARKES, J. D., and FENTON, G. W.
- FERRANNINI, E. See CARUSO, G., LABIANCA, O., and FERRANNINI, E.
- FIASCHI, A.: Observations on the sensory nature of the intramuscular nerve action potential, 509
- FIELD, E. J., and CASPARY, E. A.: Lymphocyte sensitization to thymus and lymph node antigen in multiple sclerosis and other neurological diseases, 604
- Fistula, carotid-cavernous, unusual, surgical management of, 1073
- 5-Fluorouracil and sodium warfarin in treatment of surgically incurable tumours of neuraxis (P), 152
- Foramen magnum meningioma, electromyographic studies in, 561
- FOX, J. L., MCCULLOUGH, D. C., and GREEN, R. C.: Effect of cerebrospinal fluid shunts on intracranial pressure and on cerebrospinal fluid dynamics, II. A new technique of pressure measurements; results and concepts: III. A concept of hydrocephalus, 302, 308
- FRANKEL, H. L. See CORBETT, J. L., EIDELMAN, B. H., and FRANKEL, H. L.
- FRASER, K. B., HAIRE, M., and MILLAR, J. H. D.: Immunoglobulin G specific for measles in serum and CSF in multiple sclerosis (P), 889
- FRASER, R. J. A. See CHOUDHURY, A. R., FRASER, R. J. A., MACDONALD, A. F., and NICHOLS, W. M.
- FRAZER, A. K. See SEDZIMIR, C. B., FRAZER, A. K., and ROBERTS, J. R.
- FREIMAN, I. S. See REAGAN, T. J., and FREIMAN, I. S.
- FRIEDMAN, H. See NASHOLD, B. S., and FRIEDMAN, H.
- Friedreich's ataxia, evolution of diabetes mellitus in case of, 484
- FRONT, D., MINDERHOUD, J. M., BEKS, J. W. F., and PENNING, L.: Lepto-meningeal cysts diagnosed by isotope cisternography, 1018
- GAMBI, D. See PINELLI, P., TONALI, P., and GAMBI, D.
- See TONALI, P., and GAMBI, D.
- GARCIA-MULLIN, R., and DAROFF, R. B.: Electrophysiological investigations of cephalic tetanus, 296
- GARDNER-MEDWIN, D. See BRADLEY, W. G., HUDGSON, P., GARDNER-MEDWIN, D., and WALTON, J. L.
- GARELIS, E., and SOURKES, T. L.: Sites of origin in the central nervous system of monoamine metabolites measured in human cerebrospinal fluid, 625
- GARFIELD, J.: Intracavitary glioma chemotherapy (P), 152
- GARIBI, J. See PATERSON, A., and GARIBI, J.
- Gas myelography in investigation of spinal dysraphism (P), 890
- GASCON, G. G., and GILLES, F. H.: Limbic dementia, 421
- Gases, blood, effect on spinal cord blood flow in dogs, 42
- GASS, H. H. See DEVAIDGA, K. V., and GASS, H. H.
- GASSEL, M. M., and OTT, K. H.: Patterns of reflex excitability change after widespread cutaneous stimulation in man, 282
- Gastroenterogenous cyst, intraspinal, congenital, in diastematomyelia, 1011
- GAUTIER-SMITH, P. C.: Lhermitte's sign in subacute combined degeneration of the cord, 861
- GIBSON, R. M. See CORONEOS, N. J., McDOWALL, D. G., GIBSON, R. M., PICKERD, V. W. A., and KEANEY, N. P.
- GILLES, F. H. See GASCON, G. G., and GILLES, F. H.
- See LEVITON, A., and GILLES, F. H.
- Gilles de la Tourette's syndrome, neurological abnormalities in, 1
- GIMENO, A., TRUEBA, J. L., BLANCO, M., and GOSALVEZ, M.: Mitochondrial functions in five cases of human neuromuscular disorders, 806
- GLEDHILL, R. F., and HARRISON, B. M.: Repair mechanisms after experimental spinal cord compression (P), 886
- Gliomas and liposarcomatous component in intracranial meningioma, 377
- , cerebral, multiple, in multiple sclerosis, 523
- , intracavitary, chemotherapy for (P), 152
- Glio-neuronal dystrophy, spongy, 50
- GOMERSALL, J. D., and STUART, A.: Amitriptyline in migraine prophylaxis: changes in pattern of attacks during a controlled clinical trial, 684
- GOODGOLD, J. See LIVESON, J. A., RANSOHOFF, J., and GOODGOLD, J.
- GORDON, D. S., and CROCKARD, H. A.: Head injuries in civil disturbances (P), 154
- GOSALVEZ, M. See GIMENO, A., TRUEBA, J. L., BLANCO, M., and GOSALVEZ, M.
- GOTT, P. S.: Language after dominant hemispherectomy, 1082
- GOTTLIEB, G. L., and AGARWAL, G. C.: Modulation of postural reflexes by voluntary movement, I. Modulation of the active limb, 529
- — — — — 2. Modulation at an inactive joint, 540
- Graduates, medical, emigration of (P), 156
- GRAHAM, D. I. See MACPHERSON, P., and GRAHAM, D. I.
- GRČEVIĆ, N. See JUŠIĆ, A., RADOŠEVIĆ, Z., GRČEVIĆ, N., HLAVKA, V., PETRIČEVIĆ-MIGIĆ, R., and HARTL-PRIPIC, V.
- GREEN, R. C. See FOX, J. L., MCCULLOUGH, D. C., and GREEN, R. C.
- GREENBAUM, R. See GRIFFITH, H. B., CUMMINS, B. H., GRIFFITHS, P., GREENBAUM, R., STADEN, G., WILKINS, D., and ZORAB, J.
- GREGORY, M. C., and HUGHES, J. T.: Intracranial reticulum cell sarcoma associated with immunoglobulin A deficiency, 769
- GRIFFITH, H. B., CUMMINS, B. H., GRIFFITHS, P., GREENBAUM, R., STADEN, G., WILKINS, D., and ZORAB, J.: Effect of an intra-arterial alpha-blocking agent (phenoxylbenzamine) upon the cortical blood flow rate in man (P), 885
- GRIFFITHS, I. R.: Spinal cord blood flow in dogs, I. The 'normal' flow, 34
- — — — — II. The effect of the blood gases, 42
- — — — — the effect of blood pressure, 914
- GRIFFITHS, P. See GRIFFITH, H. B., CUMMINS, B. H., GRIFFITHS, P., GREENBAUM, R., STADEN, G., WILKINS, D., and ZORAB, J.
- GRIMBY, L. See HANNERZ, J., and GRIMBY, L.
- Guillain-Barré syndrome, late residua and prognosis for recovery in, 978
- , prognosis in Nigerians, 478
- GUTMANN, L. See CRUTCHFIELD, C. A., and GUTMANN, L.
- GYE, R. S.: Experimental and clinical study of peripheral nerve homographs (P), 152
- H reflex. See Hoffmann reflex
- Haemorrhage, subarachnoid, metabolic response to (P), 885

- Haematoma, extradural, lumbar, chronic, simulating disc syndrome, 255
- HAIRE, M. See FRASER, K. B., HAIRE, M., and MILLAR, J. H. D.
- HALLPIKE, J. F.: Superior orbital fissure syndrome: some clinical and radiological observations, 486
- Halothane anaesthesia, deep, hypotension produced by, cerebral circulatory and metabolic effects in baboons, 898
- HANCOCK, D. O., HILL, A., RANA, N., and TAYLOR, A. R.: The neurological changes associated with subforaminal osseous disease in chronic rheumatoid arthritis (P), 889
- Hand muscles, small, cutaneous reflexes in, 960
- HANNERZ, J., and GRIMBY, L.: Recruitment order of motor units in man: significance of pre-existing state of facilitation, 275
- 'Happy puppet' syndrome (P), 887
- HARDEN, A., PAMPIGLIONE, G., and PICTON-ROBINSON, N.: Electroretinogram and visual evoked response in a form of 'neuronal lipidosis' with diagnostic EEG features, 61
- See also PAMPIGLIONE, G., and HARDEN, A.
- HARPER, A. M. See JOHNSTON, I. H., ROWAN, J. O., HARPER, A. M., and JENNETT, W. B.
- See SENGUPTA, D., HARPER, A. M., and JENNETT, W. B.
- HARRIS, P., ASHCROFT, G. W., TOWNSEND, H. R. A., DOW, R. C., and MCQUEEN, J. K.: Experimental epilepsy (P), 153
- HARRISON, B. M. See GLEDHILL, R. F., and HARRISON, B. M.
- HARTL-PRPIČ, V. See JUŠIĆ, A., RADOŠEVIĆ, Z., GRČEVIĆ, N., HLAVKA, V., PETRIČEVIĆ-MIGIĆ, R., and HARTL-PRPIČ, V.
- HASHI, K. See WELCH, K. M. A., HASHI, K., and MEYER, J. S.
- Head injury, experiences in area of civil disturbance (Belfast) (P), 154
- , experimental, dimethyl sulfoxide in (P), 153
- , ischaemia of, arterial spasm and slowing of cerebral circulation in, 1069
- , long-standing, hypertrophic olivary degeneration and Purkinje cell loss in, 826
- Hemianopia, binasal, 697
- , heteronymous (P), 156
- , —, and anatomy of optic chiasma, 710
- Hemiparesis, functional changes in motoneurons in, 183
- Hemispherectomy, dominant left, effect on linguistic ability, 1082
- Hemispheres, relative psychological functioning of, apparatus for clinical assessment of, 445
- HENDERSON, G. See ISAACS, E. R., BRADLEY, W. G., and HENDERSON, G.
- HENDRICK, E. B., HOFFMAN, H. J., and HUMPHREYS, R.: Tethered conus medullaris in children (P), 156
- Hereditary factors in anomalous innervation of extensor digitorum brevis muscle of foot by accessory deep peroneal nerve, 989
- HERMAN, J. See TAUBER, E. S., WEITZMAN, E. D., HERMAN, J., and PESSAH, M.
- Herpes simplex encephalitis, acute, specific angiographic changes in (P), 888
- IgG in serum and CSF in multiple sclerosis (P), 889
- Heteronymous hemianopia (P), 156
- HEWER, R. L. See MORGAN, M. H., HEWER, R. L., and COOPER, R.
- HILL, A. See HANCOCK, D. O., HILL, A., RANA, N., and TAYLOR, A. R.
- HITCHCOCK, E., and DINAKAR, I.: Cisternal myelography using Conray, 877
- HLAVKA, V. See JUŠIĆ, A., RADOŠEVIĆ, Z., GRČEVIĆ, N., HLAVKA, V., PETRIČEVIĆ-MIGIĆ, R., and HARTL-PRPIČ, V.
- HOFFMAN, H. J. See HENDRICK, E. B., HOFFMAN, H. J., and HUMPHREYS, R.
- Hoffmann reflex, effect of motor and sensory conditioning, relation to Renshaw cell activity, 674
- , excitability of, and contingent negative variation, relationship between, 1003
- , responses of motoneurons, single fibre EMG study of, 951
- HOFMANN, W. W., and RUPRECHT, E. O.: Observations on the efficiency of dystrophic muscle *in vitro*, 565
- Homeostasis defects and sequelae in decerebration in infants and children, 431
- Homografts, peripheral nerve, experimental and clinical study of (P), 152
- Homovanillic acid, cerebrospinal fluid levels, in relation to levodopa response in Parkinson's disease, 747
- HOPF, H. C.: Anticonvulsant drugs and spike propagation of motor nerves and skeletal muscle, 574
- HOPKINS, A., and RUDGE, P.: Hyperpathia in the central cervical cord syndrome, 637
- HOPKINS, I. J., and TURNER, B.: Spongy glioneuronal dystrophy: a degenerative disease of the nervous system, 50
- HORNE, D. J. DE L.: Sensorimotor control in Parkinsonism, 742
- HORROCKS, P. M., VICARY, D. J., REES, J. E., PARKES, J. D., and MARSDEN, C. D.: Anticholinergic withdrawal and benzhexol treatment in Parkinson's disease, 936
- HORTON, J., MEANS, E. D., CUNNINGHAM, T. J., and OLSON, K. B.: The numb chin in breast cancer, 211
- HOWSE, P. M., and MATTHEWS, W. B.: Brocresine in Parkinson's disease: action of a peripheral and central decarboxylase inhibitor in potentiating levodopa, 27
- HUBBERT, C. H. See LEMMI, H., HUBBERT, C. H., and FARIS, A. A.
- HUDGSON, P. See BRADLEY, W. G., HUDGSON, P., GARDNER-MEDWIN, D., and WALTON, J. N.
- HUGHES, J. T. See GREGORY, M. C., and HUGHES, J. T.
- HUGHES, R. R. See COCHRANE, P., HUGHES, R. R., BUXTON, P. H., and YORKE, R. A.
- HUMPHREYS, R. See HENDRICK, E. B., HOFFMAN, H. J., and HUMPHREYS, R.
- Hydrocephalus complicating pituitary adenoma, 1063
- , concept of, relation to effect of cerebrospinal fluid shunts on intracranial CSF pressure and dynamics, 308
- , development of brain extracellular space in HY-3 mice in (P), 155
- Hyperpathia in central cervical cord syndrome, 637
- Hyperpyrexia, malignant, muscle studies in asymptomatic carriers identified by creatinine phosphokinase screening in, 228
- Hypersomnia with periodic breathing, effect of tracheostomy in, 15
- Hypoglossal nerve, dumb-bell neurinoma of, 592
- Hypotension, controlled, cortical blood flow as measured by thermal diffusion in, 906
- produced by deep halothane anaesthesia, cerebral circulatory and metabolic effects in baboons, 898
- Hypothermia, intermittent, independence of central and reflex thermoregulatory mechanisms in, 411
- Immunoglobulin A deficiency associated with intracranial reticulum cell sarcoma, 769
- G specific for measles or herpes simplex in serum and CSF in multiple sclerosis (P), 889
- INGRAM, T. S. See BROWN, J. K., INGRAM, T. S., and SHESHA, S. S.
- INOKUCHI, T. See MATSUNAGA, M., INOKUCHI, T., OHNISHI, A., and KUROIWA, Y.
- Interosseous nerve, posterior, neuropathy of, due to intraneural neurofibromas, 991
- Intracavitary gliomas, chemotherapy in (P), 152
- Intracranial arteriovenous malformations (P), 885
- cerebrospinal fluid pressure and dynamics, effect of CSF shunts, measurements by new technique, 302
- , —, —, —, —, —, relation to concept of hydrocephalus, 308
- dissemination of pituitary adenomas, 199
- neoplasm of mixed mesenchymal and neuroepithelial origin (liposarcomatous meningioma combined with gliomas), 377
- pressure increase due to supratentorial and infratentorial mass lesions in baboons, cerebral blood flow changes during, 161
- , measurement of extradural pressure and relationship to other intracranial pressures, 514
- reticulum cell sarcoma associated with immunoglobulin A deficiency, 769
- Intraspinal gastroenterogenous cyst, congenital, in diastematomyelia, 1011
- Intrathecal injections of isotonic iced saline for treatment of intractable pain, 417
- saline infusion test in clinical measurement of resistance to drainage of cerebrospinal fluid, 313
- ISAACS, E. R., BRADLEY, W. G., and HENDERSON, G.: Longitudinal fibre splitting in muscular dystrophy: a serial cinematographic study, 813
- ISAACS, H., and BARLOW, M. B.: Malignant hyperpyrexia: further muscle studies in asymptomatic carriers identified by creatinine phosphokinase screening, 228
- Ischaemia, cerebral, artificial, brain death in baboons and cats after, morphological and ultrastructural characteristics of, 497
- , effect on sensory potentials of normal subjects of different ages, 455
- of head injury, arterial spasm and slowing of cerebral circulation in, 1069
- Isotope cisternography, diagnosis of leptomeningeal cysts by, 1018
- JAKUBOWSKI, J. See OGILVY, K. M., and JAKUBOWSKI, J.
- JANOTA, I.: Pathological changes in the terminal parts of Purkinje cell axons in the dentate nucleus of the cerebellum, 596
- JENNETT, W. B. See JOHNSTON, I. H., ROWAN, J. O., HARPER, A. M., and JENNETT, W. B.
- See SENGUPTA, D., HARPER, A. M., and JENNETT, W. B.
- JOFFE, B. I., SEGAL, I., and COOPER, W.: Evolution of diabetes mellitus in a case of Friedreich's ataxia, 484
- JOHNSON, R. H., and PARK, D. M.: Intermittent hypothermia: independence of central and reflex thermoregulatory mechanisms, 411
- JOHNSTON, I. H., ROWAN, J. O., HARPER, A. M., and JENNETT, W. B.: Raised intracranial pressure and cerebral blood flow, II. Supratentorial and infratentorial mass lesions in primates, 161
- JONES, M. T. See BRIDGES, P. K., and JONES, M. T.
- JURKO, M. F., and ANDY, O. J.: Psychological changes correlated with thalamotomy site, 846
- JUŠIĆ, A., RADOŠEVIĆ, Z., GRČEVIĆ, N., HLAVKA, V., PETRIČEVIĆ-MIGIĆ, R., and HARTL-PRPIČ, V.: 'L'acropathie ulcero-mutilante familiale' with involvement of the distal mixed nerves and long bones fractures, 585
- KAHN, P.: Anderson-Fabry disease: a histopathological study of three cases with observations on the mechanism of production of pain, 1053
- KAJIHARA, K. See MULLAN, S., DE LA TORRE, J. C., KAJIHARA, K., and KAWANAGA, H.

- KAWANAGA, H. See MULLAN, S., DE LA TORRE, J. C., KAJIHARA, K., and KAWANAGA, H.
- KEANEY, N. P., PICKERD, V. W. A., MCDOWALL, D. G., CORONEOS, N. J., TURNER, J. M., and SHAH, Z. P.: Cerebral circulatory and metabolic effects of hypotension produced by deep halothane anaesthesia, 898
- See also CORONEOS, N. J., MCDOWALL, D. G., GIBSON, R. M., PICKERD, V. W. A., and KEANEY, N. P.
- KEARNEY, B. See CALLAGHAN, N., KEARNEY, B., and LOVE, W. C.
- KIRSCH, W. M., SCHULZ, D., and YOUNG, H.: Combination drug and irradiation therapy for surgically incurable tumours of the neuraxis (P), 152
- KLAWANS, H. L., JR. See WEINER, W. J., and KLAWANS, H. L., JR.
- KNOWLES, L. See ANDREWS, C. J., NEILSON, P. D., and KNOWLES, L.
- KREMER, M. See AMINOFF, M. J., WILCOX, C. S., WOAKES, M. M., and KREMER, M.
- KUROIWA, Y. See MATSUNAGA, M., INOKUCHI, T., OHNISHI, A., and KUROIWA, Y.
- LABIANCA, O. See CARUSO, G., LABIANCA, O., and FERRANNINI, E.
- Labour, normal, in myophosphorylase deficiency, 225
- LALLEMAND, R. C., and WELLER, R. O.: Intraneural neurofibromas involving the posterior interosseous nerve, 991
- LANCE, J. W. See ANDREWS, C. J., NEILSON, P. D., and LANCE, J. W.
- LANGMAID, C. See SONI, S. R., and LANGMAID, C.
- LEMMI, H., HUBBERT, C. H., and FARIS, A. A.: The electroencephalogram after resuscitation of cardiocirculatory arrest, 997
- Leptomenigeal cysts, diagnosis by isotope cisternography, 1018
- LENER, M. A. See BARTAL, A. D., DJALDETTI, M. M., MANDEL, E. M., and LERNER, M. A.
- Leucodystrophy, metachromatic, peripheral neuropathy in, 30
- Leucoencephalopathy, telencephalic, perinatal, hypertrophic astrocytes as criterion of, 383
- LEVITON, A., and GILLES, F. H.: Are hypertrophic astrocytes a sufficient criterion of perinatal telencephalic leucoencephalopathy?, 383
- Levodopa and phenoxylbenzamide, effect on rigidity of Parkinson's disease, quantitative study of, 321
- combined with L-alpha-methyl dopa hydrazine in treatment of Parkinson's disease, 10
- , effect on depression and psychopathology in Parkinsonism, 925
- , — on operation of dynamic spindle reflexes in rigidity of Parkinsonism, 342
- , interaction with amantadine in Parkinsonism, 354
- , potentiation by brocresine in Parkinson's disease, 27
- , response to, and cerebrospinal fluid homovanillic acid levels in Parkinson's disease, 747
- , therapy and alpha methyl dopa hydrazine therapy, lack of response in Parkinson's disease to, analysis of 6 cases of, 362
- for Parkinsonism in Shy-Drager syndrome, 350
- in Parkinson's disease, anticholinergic withdrawal and benzhexol treatment during, 936
- in paroxysmal kinesigenic choreoathetosis, 921
- , long-term, in Parkinson's disease, effect of dystonia on response to, 630
- LEWKONIA, R. M., and BUXTON, P. H.: Myositis in father and daughter, 820
- Lhermitte's sign in subacute combined degeneration of cord, 861
- Limbic dementia, 421
- Limbs, upper, sensory nerve conduction in, at various stages of diabetic neuropathy, 786
- Linguistic ability, effect of dominant left hemispherectomy, 1082
- Linoleic acid, dietary intake in multiple sclerosis and other diseases, 668
- Lipidosis, neuronal, late infantile form of, neurophysiological identification of, 68
- , with diagnostic EEG features, electroretinogram and visual evoked response in, 61
- Liposarcomatous meningioma, intracranial, combined with gliomas, 377
- LIVERSEDGE, L. A.: The Capgras syndrome (l'illusion des sosies) (P), 887
- See also SWINBURN, W. R., and LIVERSEDGE, L. A.
- LIVSON, J. A., RANSOHOFF, J., and GOODGOLD, J.: Electromyographic studies in a case of foramen magnum meningioma, 561
- LOONG, S. C., and ONG, Y. Y.: Paroxysmal kinesigenic choreoathetosis: report of a case relieved by L-dopa, 921
- LOVE, W. C. See CALLAGHAN, N., KEARNEY, B., and LOVE, W. C.
- LOVELACE, R. E., MYERS, S. J., and ZABLOW, L.: Sensory conduction in peroneal and posterior tibial nerves using averaging techniques, 942
- LUGARESI, E., COCCAGNA, G., MANTOVANI, M., and BRIGNANI, F.: Effects of tracheostomy in two cases of hypersomnia with periodic breathing, 15
- Lumbar extradural haematoma, chronic, simulating disc syndrome, 255
- spondylitis, degenerative, neurogenic bladder dysfunction due to, clinical and radiological aspects of (P), 888
- Lymph node antigen, lymphocyte sensitization to, in multiple sclerosis and other neurological diseases, 604
- Lymphocytes, sensitization to thymus and lymph node antigen in multiple sclerosis and other neurological diseases, 604
- Lysocleithin, plasma, in multiple sclerosis, longitudinal study and significance of results, 661
- MK 486. See Alpha methyl dopa hydrazine
- McArdle's disease. See Myophosphorylase deficiency
- MCCOMAS, A. J., SICA, R. E. P., and PETITO, F.: Muscle strength in boys of different ages, 171
- , —, UPTON, A. R. M., and AGUILERA, N.: Functional changes in motoneurons of hemiparetic patients, 183
- See also CACCIA, M. R., MCCOMAS, A. J., UPTON, A. R. M., and BLOTT, T.
- See also CAMPBELL, M. J., MCCOMAS, A. J., and PETITO, F.
- MCCULLOUGH, D. C. See FOX, J. L., MCCULLOUGH, D. C., and GREEN, R. C.
- MACDONALD, A. F. See CHOUDHURY, A. R., FRASER, R. J. A., MACDONALD, A. F., and NICHOLS, W. M.
- MCDOWALL, D. G. See CORONEOS, N. J., MCDOWALL, D. G., GIBSON, R. M., PICKERD, V. W. A., and KEANEY, N. P.
- See KEANEY, N. P., PICKERD, V. W. A., MCDOWALL, D. G., CORONEOS, N. J., TURNER, J. M., and SHAH, Z. P.
- MCLELLAN, D. L.: Dynamic spindle reflexes and the rigidity of Parkinsonism, 342
- : Effect of baclofen upon monosynaptic and tonic vibration reflexes in patients with spasticity, 555
- : The electromyographic silent period produced by supramaximal electrical stimulation in normal man, 334
- MACLEOD, J. G. See DOUGLAS, A. C., MACLEOD, J. G., and MATTHEWS, J. D.
- See SEDAL, L., MCLEOD, J. G., and WALSH, J. C.
- MCCLONE, D. G.: Development of brain extracellular space in hydrocephalic (HY-3) mice (P), 155
- MACPHERSON, P., and GRAHAM, D. I.: Arterial spasm and slowing of the cerebral circulation in the ischaemia of head injury, 1069
- MCQUEEN, J. K. See HARRIS, P., ASHCROFT, G. W., TOWNSEND, H. R. A., DOW, R. C., and MCQUEEN, J. K.
- MAFFEI, F. See ANDREOLI, V. M., MAFFEI, F., TONON, G. C., and ZIBETTI, A.
- MALIS, L. I. See SAVITZ, M. H., and MALIS, L. I.
- MALONEY, A. F. J. See BOUGH, D. C., MITCHELL, I., and MALONEY, A. F. J.
- See DOUGLAS, A. C., and MALONEY, A. F. J.
- MANDEL, E. M. See BARTAL, A. D., DJALDETTI, M. M., MANDEL, E. M., and LERNER, M. A.
- MANTOVANI, M. See LUGARESI, E., COCCAGNA, G., MANTOVANI, M., and BRIGNANI, F.
- MARK, R. F. See VEALE, J. L., MARK, R. F., and REES, S.
- MARKHAM, C. H. See MARSH, G. G., and MARKHAM, C. H.
- MARSDEN, C. D., BARRY, P. E., PARKES, J. D., and ZILKHA, K. J.: Treatment of Parkinson's disease with levodopa combined with L-alpha-methyl dopa hydrazine, an inhibitor of extracerebral DOPA decarboxylase, 10
- See also HORROCKS, P. M., VICARY, D. J., REES, J. E., PARKES, J. D., and MARSDEN, C. D.
- MARSH, G. G., and MARKHAM, C. H.: Does levodopa alter depression and psychopathology in Parkinsonism patients?, 925
- MARTIN, G.: Non-otogenic cerebral abscess, 607
- MARTINS, A. N.: Resistance to drainage of cerebrospinal fluid: clinical measurement and significance, 313
- MASCREEN, M. See VALMIKINATHAN, K., MASCREEN, M., MEENAKSHISUNDARAM, E., and SNEHALATHA, C.
- MATAKAS, F., CERVOS-NAVARRO, J., and SCHNEIDER, H.: Experimental brain death, I. Morphology and fine structure of the brain, 497
- MATSUNAGA, M., INOKUCHI, T., OHNISHI, A., and KUROIWA, Y.: Oculopharyngeal involvement in familial neurogenic muscular atrophy, 104
- MATTHEWS, J. D. See DOUGLAS, A. C., MACLEOD, J. G., and MATTHEWS, J. D.
- MATTHEWS, W. B. See ESPIR, M. L. E., and MATTHEWS, W. B.
- See HOWSE, P. M., and MATTHEWS, W. B.
- MEADOWS, J. C.: Dysphagia in unilateral cerebral lesions, 853
- MEANS, E. D. See HORTON, J., MEANS, E. D., CUNNINGHAM, T. J., and OLSON, K. B.
- Measles antibodies, serum, in multiple sclerosis, 57
- IgG in serum and CSF in multiple sclerosis (P), 889
- MEDWIN, D. GARDNER. See GARDNER-MEDWIN, D.
- MEENAKSHISUNDARAM, E. See VALMIKINATHAN, K., MASCREEN, M., MEENAKSHISUNDARAM, E., and SNEHALATHA, C.
- Meglumine iothalamate (Conray), cisternal myelography using, 877
- MELICK, R. See WHITE, Y. S., BELL, D. S., and MELICK, R.
- Meningeal artery, middle, of, anomalous origin (from lacrimal artery?), description of skull with, 874
- carcinomatosis and blindness, 206
- Meningioma, cranial and spinal, in pair of identical twin boys, 368
- , liposarcomatous, intracranial, combined with gliomas, 377
- of foramen magnum, electromyographic studies in, 561
- Metachromatic leucodystrophy, peripheral neuropathy in, 30
- MEYER, J. S. See WELCH, K. M. A., HASHI, K., and MEYER, J. S.
- MIGIC, R. PETRICIĆ. See PETRICIĆ-MIGIC, R.
- Migraine, amitriptyline prophylaxis in, clinical trial of, 684
- , ergotamine tartrate treatment in (P), 889
- MILLAR, J. H. D. See FRASER, K. B., HAIRE, M., and MILLAR, J. H. D.
- MINDERHOUD, J. M. See FRONT, D., MINDERHOUD, J. M., BEKS, J. W. F., and PENNING, L.
- MITCHELL, I. See BOUGH, D. C., MITCHELL, I., and MALONEY, A. F. J.
- Mitochondria, functions, disturbance of, in 5 cases of neuromuscular disorders, 806

- MONES, R. J.: An analysis of six patients with Parkinson's disease who have been unresponsive to L-dopa therapy, 362
- Monoamine metabolites, sites of origin in central nervous system, evidence from measurements in cerebrospinal fluid, 625
- Monosynaptic reflexes in spasticity, effect of baclofen, 555
- MORGAN, M. H., HEWER, R. L., and COOPER, R.: Effect of the beta adrenergic blocking agent propranolol on essential tremor, 618
- Motoneurons, H-reflex responses of, single fibre EMG study of, 951
- Motor and sensory fibres in ulnar nerve, differential sensitivity of, 75
- conditioning, effect on H-reflex, relation to Renshaw cell activity, 674
- nerves, spike propagation of, effect of anticonvulsant drugs, 574
- neurone disease (Madras pattern), biochemical aspects of, 753
- neurones, functional changes in hemiparesis, 183
- unit count estimates in thenar muscles in carpal tunnel syndrome, 194
- units, recruitment order of, significance of pre-existing state of facilitation for, 275
- MOTSON, R. See ROYLE, G., and MOTSON, R.
- MULLAN, S., DE LA TORRE, J. C., KAJIHARA, K., and KAWANAGA, H.: Use of dimethyl sulphoxide in experimental head and spinal injuries (P), 153
- MULLIN, R. GARCIA-. See GARCIA-MULLIN, R.
- Muscle fibres, longitudinal splitting in muscular dystrophy, serial cinematographic study in mouse fibres, 813
- , neurogenic changes in myasthenia gravis, clinical and histopathological study of, 244
- , skeletal, sarcoidosis of, symptomatic, 1034
- , —, spike propagation of, effect of anticonvulsant drugs, 574
- strength measured by isometric twitch contractions in extensor hallucis brevis muscles in boys of different ages, 171
- studies in asymptomatic carriers identified by creatinine phosphokinase screening in malignant hyperpyrexia, 228
- wastage in elderly assessed by physiological changes in extensor digitorum brevis muscles, 174
- Muscles, small, of hand, cutaneous reflexes in, 960
- Muscular atrophy, neurogenic, familial, oculopharyngeal involvement in, 104
- dystrophy, Duchenne, carriers of, role of electron microscopy in detection of, 643
- , —, efficiency of muscles *in vitro* from mice with, 565
- , —, longitudinal fibre splitting in, serial cinematographic study in mouse fibres, 813
- , —, neurogenic factor and similarities to denervation atrophy in, evidence for, 399
- , —, synaptogenesis in cell cultures of neurones and myotubes from chickens with, 389
- movement, voluntary, modulation of postural reflexes by, at inactive joint, 540
- , —, —, in active limb, 529
- Myasthenia gravis, AChT treatment in, effect on neuromuscular block after intra-arterial injection of acetylcholine, 271
- , —, neurogenic muscle involvement in, clinical and histopathological study of, 244
- Myelinated fibres (white rami communicantes) in paravertebral sympathetic chain, quantitative studies on, 777
- Myelography, cisternal, using Conray, 877
- , gas, in investigation of spinal dysraphism (P), 890
- Myelopathy, development in spondylosis, and movements of cervical spine (P), 155
- from cervical spondylosis, surgical treatment of, results over 10 years, 879
- , —, —, normal pregnancy and delivery in, 225
- MYERS, S. J. See LOVELACE, R. E., MYERS, S. J., and ZABLOW, L.
- Myopathy, quadriceps, hereditary, 1041
- Myophosphorylase deficiency (McArdle's disease) in two interrelated families, 217
- , —, normal pregnancy and delivery in, 225
- Myosclerosis, syndrome of, 651
- Myositis in father and daughter, 820
- Myotubes and neurones, synaptogenesis in cell cultures of, in chickens with muscular dystrophy, 389
- Narcolepsy, l(-) and d(+) amphetamine treatment of, 1076
- NASHOLD, B. S., and FRIEDMAN, H.: Electronic control of the neurogenic bladder (P), 154
- NAVARRO, J. CERVOS-. See CERVOS-NAVARRO, J.
- NEILSON, P. D.: Effect of procaine infiltration into biceps brachii muscle in man on supraspinal control of reflex transmission, 87
- , and ANDREWS, C. J.: Comparison of the tonic stretch reflex in athetotic patients during rest and voluntary activity, 547
- , —, See also ANDREWS, C. J., NEILSON, P. D., and KNOWLES, L.
- , —, See also ANDREWS, C. J., NEILSON, P. D., and LANCE, J. W.
- NELSON, P. G. See PEACOCK, J. H., and NELSON, P. G.
- Neocortex and corpus callosum of developing rat brain, enzyme response to trauma in, histochemistry of, 1046
- Neoplasm, intracranial, of mixed mesenchymal and neuroepithelial origin (liposarcomatous meningioma combined with gliomas), 377
- Nerve action potential, intramuscular, sensory nature of, 509
- Nervous system antigens, hypersensitivity to, study by macrophage inhibition technique in experimental allergic neuritis, 139
- , —, central, sarcoidosis of, 1024
- , —, sites of origin of monoamine metabolites in, evidence from measurements in cerebrospinal fluid, 625
- Neuraxis, tumours of, surgically incurable, combination drug and irradiation therapy for (P), 152
- Neurinoma, dumb-bell, of hypoglossal nerve, 592
- Neuritis, allergic, experimental, hypersensitivity to nervous system antigens in, study by macrophage inhibition technique, 139
- Neurofibromas, intraneural, involving posterior interosseous nerve, 991
- Neurogenic bladder, electronic control of (P), 154
- changes in muscles in myasthenia gravis, clinical and histopathological study of, 244
- factor in muscular dystrophy and similarities to denervation atrophy, evidence for, 399
- muscular atrophy, familial, oculopharyngeal involvement in, 104
- Neurological abnormalities in Gilles de la Tourette's syndrome, 1
- diseases, lymphocyte sensitization to thymus and lymph node antigen in, 604
- Neuromuscular disorders, disturbance of mitochondrial functions in 5 cases of, 806
- transmission block after intra-arterial injection of acetylcholine, effect of AChT treatment in myasthenia gravis, and detection of desensitization of receptors, 271
- , —, —, technique and analysis of results, 265
- Neuronal lipidosis, late infantile form of, neurophysiological identification of, 68
- with diagnostic EEG features, electroretinogram and visual evoked response in, 61
- Neurones and myotubes, synaptogenesis in cell cultures of, in chickens with muscular dystrophy, 389
- Neuropathy, diabetic, sensory nerve conduction in upper limbs at various stages of, 786
- , peripheral, in metachromatic leucodystrophy, 30
- , —, posterior interosseous, due to intraneural neurofibromas, 991
- , sensory, hereditary, with mutilating lesions of extremities, 585
- Neurophysiological identification of late infantile form of neuronal lipidosis, 68
- NEWCOMBE, F. See RATCLIFF, G., and NEWCOMBE, F.
- NICHOLS, W. M. See CHOUDHURY, A. R., FRASER, R. J. A., MACDONALD, A. F., and NICHOLS, W. M.
- NIEDZIELSKA, K. See CENDROWSKI, W., POLNA, I., and NIEDZIELSKA, K.
- Nigerians, prognosis of Guillain-Barré syndrome in, 478
- NIMALASURIYA, A. See SENEVIRATNE, K. N., SENANAYAKE, N., and NIMALASURIYA, A.
- NOËL, P.: Sensory nerve conduction in the upper limbs at various stages of diabetic neuropathy, 786
- Notices, 160, 320, 496, 696, 1093
- Nystagmus, absence during REM sleep in patient with waking nystagmus and oscillopsia associated with demyelinating disease, 833
- Occipital craniectomy for transient vertebrobasilar insufficiency (P), 890
- O'CONNELL, J. E. A.: The anatomy of the optic chiasma and heteronymous hemianopia, 710
- : Heteronymous hemianopia (P), 156
- , and DU BOULAY, E. P. G. H.: Binasal hemianopia, 697
- Oculomotor paralysis and posterior communicating aneurysms (P), 889
- Oculopharyngeal involvement in familial neurogenic muscular atrophy, 104
- OGILVY, K. M., and JAKUBOWSKI, J.: Intracranial dissemination of pituitary adenomas, 199
- OGIN, G. See APPENZELLER, O., and OGIN, G.
- OHNISHI, A. See MATSUNAGA, M., INOKUCHI, T., OHNISHI, A., and KUROIWA, Y.
- Olivary nucleus, inferior, hypertrophic degeneration of, and Purkinje cell loss in long-standing head injury, 826
- OLSON, K. B. See HORTON, J., MEANS, E. D., CUNNINGHAM, T. J., and OLSON, K. B.
- ONG, Y. Y. See LOONG, S. C., and ONG, Y. Y.
- OOSTERHUIS, H., and BETHLEM, J.: Neurogenic muscle involvement in myasthenia gravis, clinical and histopathological study of, 244
- OPPENHEIMER, D. R., and SPALDING, J. M. K.: Late residua of acute idiopathic polyneuritis, 978
- Optic chiasma, anatomy of, and heteronymous hemianopia, 710
- Orbital fissure syndrome, superior (Tolosa Hunt syndrome), clinical and radiological observations on, 486
- Oscillopsia and nystagmus, waking, absence of nystagmus during REM sleep in patient with demyelinating disease associated with, 833
- OSUNTOKUN, B. O., and AGBEBI, K.: Prognosis of Guillain-Barré syndrome in the African: the Nigerian experience, 478
- OTT, K. H. See GASSEL, M. M., and OTT, K. H.
- Pain fibres, differential destruction by controlled thermocoagulation of trigeminal ganglion and rootlets (P), 155
- in Anderson-Fabry disease, mechanism of production, 1053
- , intractable, cervical percutaneous cordotomy for relief of (P), 889
- , —, treatment with intrathecal isotonic iced saline, 417
- PAMPIGLIONE, G., and HARDEN, A.: Neurophysiological identification of a late infantile form of 'neuronal lipidosis', 68

- See also HARDEN, A., PAMPIGLIONE, G., and PICTON-ROBINSON, N. PAPAIOSTOFIDIS, D., and COOPER, R.: The contingent negative variation and the excitability of the spinal monosynaptic reflex, 1003
- Parasthesiae, post-ischaemic, in diabetes mellitus, 288
- Paralysis, oculomotor, and posterior communicating aneurysms (P), 889
- Paravertebral sympathetic chain, myelinated fibres (white rami communicantes) in, quantitative studies on, 777
- PARK, D. M. See JOHNSON, R. H., and PARK, D. M.
- PARKES, J. D., and FENTON, G. W.: Levo(-) amphetamine and dextro(+) amphetamine in the treatment of narcolepsy, 1076
- See also HORROCKS, P. M., VICARY, D. J., REES, J. E., PARKES, J. D., and MARSDEN, C. D.
- See also MARSDEN, C. D., BARRY, P. E., PARKES, J. D., and ZILKHA, K. J.
- Parkinson's disease, anticholinergic withdrawal and benzhexol treatment additional to levodopa in, 936
- , cerebrospinal fluid homovanillic acid levels and levodopa response in, 747
- , depression and psychopathology in, effect of levodopa, 925
- , in Shy-Drager syndrome, levodopa therapy for, 350
- , interaction of L-dopa and amantadine in, 354
- , lack of response to L-dopa and alpha methyl dopa hydrazine therapy in, analysis of 6 cases of, 362
- , response to long-term L-dopa therapy in, effect of dystonia, 630
- , rigidity in, comparison with stretch reflexes and shortening reactions in activated normal subjects, 329
- , —, effect of L-dopa and phenoxybenzamine on, quantitative study of, 321
- , —, operation of dynamic spindle reflexes in, and effect of levodopa, 342
- , role of betaesin in inhibition of decarboxylase and potentiation of levodopa in, 27
- , sensorimotor control in, 742
- , treatment with levodopa combined with L-alpha-methyl dopa-hydrazine, 10
- Paroxysmal kinesigenic choreoathetosis, clinical pattern and response to L-dopa, 921
- PATERSON, A., and GARIBI, J.: Intracranial arteriovenous malformations: a review (P), 885
- PEACOCK, J. H., and NELSON, P. G.: Synaptogenesis in cell cultures of neurones and myotubes from chickens with muscular dystrophy, 389
- PEARCE, J. See DE SILVA, K. L., and PEARCE, J.
- PENNING, L. See FRONT, D., MINDERHOUD, J. M., BEKS, J. W. F., and PENNING, L.
- Peripheral nerves, homographs of, experimental and clinical study of (P), 152
- , sectioned, recovery after surgical repair, electrophysiological assessment of, 797
- , neuropathy in metachromatic leucodystrophy, 30
- Peroneal nerve, accessory deep, anomalous innervation of extensor digitorum brevis muscle of foot by, hereditary aspects of, 989
- , conduction measured with averaging techniques, 942
- PESSAH, M. See TAUBER, E. S., WEITZMAN, E. D., HERMAN, J., and PESSAH, M.
- PETITO, F. See CAMPBELL, M. J., MCCOMAS, A. J., and PETITO, F.
- , See MCCOMAS, A. J., SICA, R. E. P., and PETITO, F.
- PETRIČEVIĆ-MIGIĆ, R. See JUŠIĆ, A., RADOŠEVIĆ, Z., GRČEVIĆ, N., HLAVKA, V., PETRIČEVIĆ-MIGIĆ, R., and HARTL-PRPIĆ, V.
- Phenoxybenzamine and L-dopa, effect on rigidity of Parkinson's disease, quantitative study of, 321
- , effect on cortical blood flow rate (P), 885
- PHILLIPS, D. G.: Surgical treatment of myelopathy with cervical spondylosis, 879
- Physiological responses to stress, relation to body-build and psychological tests, 839
- Physique in relation to physiological stress responses and psychological tests, 839
- PICKERODT, V. W. A. See CORONEOS, N. J., McDOWALL, D. G., GIBSON, R. M., PICKERODT, V. W. A., and KEANEY, N. P.
- PICKERODT, V. W. A. See KEANEY, N. P., PICKERODT, V. W. A., McDOWALL, D. G., CORONEOS, N. J., TURNER, J. M., and SHAH, Z. P.
- PICTON-ROBINSON, N. See HARDEN, A., PAMPIGLIONE, G., and PICTON-ROBINSON, N.
- Pinealoma, ectopic, unusual clinical presentation and histochemical comparison with seminoma of testis, 864
- PINELLI, P., TONALI, P., and GAMBÌ, D.: Neuromuscular block after intra-arterially injected acetylcholine, II. Effects of ACTH treatments as possible detectors of desensitization level in the receptor site, 271
- Pituitary adenomas complicated by hydrocephalus, 1063
- , intracranial dissemination of, 199
- Plasma lysolecithin in multiple sclerosis, longitudinal study and significance of results, 661
- Pneumoencephalography, sequelae to, 146
- POLNA, I. See CENDROWSKI, W., POLNA, I., and NIEDZIŁSKA, K.
- Polynuritis, idiopathic, acute (Guillain-Barré syndrome), late residua and prognosis for recovery in, 978
- Postural reflexes, modulation by voluntary movement, at inactive joint, 540
- , —, —, in active limb, 529
- PRAISS, I. See BELLER, A. J., SAHAR, A., and PRAISS, I.
- PRAKASH, B., BANERJI, A. K., and TANDON, P. N.: Aneurysmal bone cyst of the spine, 112
- Pregnancy, normal, in myophosphorylase deficiency, 225
- Procaine infiltration into biceps brachii muscle, effect on supraspinal control of reflex transmission, 87
- Propranolol, effect on essential tremor, 618
- Proptosis, unilateral, investigation of (P), 153
- PRPIĆ, V. HARTL-— See HARTL-PRPIĆ, V.
- Psychological changes after thalamotomy, correlation with site of lesion, 846
- functioning, interhemispheric, apparatus for clinical assessment of, 445
- tests in relation to body-build and physiological stress responses, 839
- Psychopathology in Parkinsonism, effect of levodopa, 925
- Purkinje cell axons in dentate nucleus of cerebellum, pathological changes in terminal parts of, 596
- , loss and hypertrophic olivary degeneration in long-standing head injury, 826
- Quadriceps myopathy, hereditary, 1041
- RADOŠEVIĆ, Z. See JUŠIĆ, A., RADOŠEVIĆ, Z., GRČEVIĆ, N., HLAVKA, V., PETRIČEVIĆ-MIGIĆ, R., and HARTL-PRPIĆ, V.
- RAMANI, P. S., and SENGUPTA, R. P.: Cauda equina compression due to tabetic arthropathy of the spine, 260
- Rami communicantes, white, in paravertebral sympathetic chain, quantitative studies on, 777
- RANA, N. See HANCOCK, D. O., HILL, A., RANA, N., and TAYLOR, A. R.
- RANSOHOFF, J. See LIVESON, J. A., RANSOHOFF, J., and GOODGOLD, J.
- RASMUSSEN, T. B.: Epilepsy due to 'chronic encephalitis' (P), 153
- RATCLIFF, G., and NEWCOMBE, F.: Spatial orientation in man: effects of left, right, and bilateral posterior cerebral lesions, 448
- RAZZAK, Z. A. See DASTUR, D. K., and RAZZAK, Z. A.
- REAGAN, T. J., and FREIMAN, I. S.: Multiple cerebral gliomas in multiple sclerosis, 523
- REES, J. E. See HORROCKS, P. M., VICARY, D. J., REES, J. E., PARKES, J. D., and MARSDEN, C. D.
- REES, S. See VEALE, J. L., MARK, R. F., and REES, S.
- See VEALE, J. L., and REES, S.
- Reflex excitability, patterns of change in ankle jerk after cutaneous stimulation, 282
- Renshaw cell activity, relation to effects of motor and sensory conditioning on H-reflex, 674
- Respiration. See Breathing
- Reticulum cell sarcoma, intracranial, associated with immunoglobulin A deficiency, 769
- Rheumatoid arthritis, chronic, subforaminal osseous disease in (P), 889
- Rigidity in Parkinson's disease, comparison with stretch reflexes and shortening reactions in activated normal subjects, 329
- , effect of L-dopa and phenoxybenzamine on, quantitative study of, 321
- , operation of dynamic spindle reflexes in, and effect of levodopa, 342
- ROBERTS, A. See ROBINSON, J. L., and ROBERTS, A.
- ROBERTS, G. M.: Bladder dysfunction and degenerative lumbar spondylosis: radiological aspects (P), 888
- ROBERTS, J. R. See SEDZIMIR, C. B., FRAZER, A. K., and ROBERTS, J. R.
- ROBINSON, J. L., and ROBERTS, A.: Spasm following aneurysm surgery: a working hypothesis based on fluids (P), 887
- ROBINSON, N.: Histochemistry of enzyme response to trauma in the neocortex and corpus callosum of developing rat brain, 1046
- ROBINSON, N. PICTON-— See PICTON-ROBINSON, N.
- ROWAN, J. O. See JOHNSTON, I. H., ROWAN, J. O., HARPER, A. M., and JENNETT, W. B.
- ROYLE, G., and MOTSON, R.: An anomalous origin of the middle meningeal artery, 874
- RUDGE, P. See HOPKINS, A., and RUDGE, P.
- RUDOLF, N. See ANDREW, J., and RUDOLF, N.
- RUPRECHT, E. O. See HOFMANN, W. W., and RUPRECHT, E. O.
- SAHAR, A. J. See BELLER, A. J., SAHAR, A., and PRAISS, I.
- Saline injections into spinal cord, syringomyelia produced in dogs by, 467
- , isotonic iced, intrathecal injections of, for treatment of intractable pain, 417
- SANCHIS, J. F., and ALVAREZ, J. A. G.: Surgical management of an unusual carotid-cavernous fistula, 1073
- SANDERS, W. L., and DUNN, T. L.: Creutzfeldt-Jakob disease treated with amantidine: a report of two cases, 581
- Sarcoidosis of central nervous system, 1024
- of skeletal muscle, symptomatic, 1034
- Sarcoma, reticulum cell, intracranial, associated with immunoglobulin A deficiency, 769
- SAVITZ, M. H., and MALIS, L. I.: Intractable pain treated with intrathecal isotonic iced saline, 417
- SCHNEIDER, H. See MATAKAS, F., CERVOS-NAVARRO, J., and SCHNEIDER, H.
- SCHNIEDEN, H. See COX, B., DANTA, G., SCHNIEDEN, H., and YUILL, G. M.

- SCHULZ, D. See KIRSCH, W. M., SCHULZ, D., and YOUNG, H.
Sclerosis, multiple, and other diseases, dietary intake of linoleic acid in, 668
—, long-term treatment with azathioprine, 124
—, lymphocyte sensitization to thymus and lymph node antigen in, 604
—, measles or herpes simplex IgG in serum and CSF in (P), 889
—, multiple cerebral gliomas in, 523
—, plasma lysolecithin in, longitudinal study and significance of results, 661
—, serum measles antibodies in, 57
SEDAL, L., MCLEOD, J. G., and WALSH, J. C.: Ulnar nerve lesions associated with the carpal tunnel syndrome, 118
SEDMIR, C. B., FRAZER, A. K., and ROBERTS, J. R.: Cranial and spinal meningiomas in a pair of identical twin boys, 368
SEGAL, I. See JOFFE, B. I., SEGAL, I., and COOPER, W.
Seminoma of testis, histochemical comparison with ectopic pinealoma, 864
SEANAYAKE, N. See SENEVIRATNE, K. N., SEANAYAKE, N., and NIMALASURIYA, A.
SENEVIRATNE, K. N., SEANAYAKE, N., and NIMALASURIYA, A.: Post-ischaemic paraesthesiae in diabetes mellitus, 288
SENGUPTA, D., HARPER, A. M., and JENNETT, B.: Effect of carotid ligation on cerebral blood flow in baboons: I. Response to altered arterial PCO_2 , 736
SENGUPTA, R. P. See RAMANI, P. S., and SENGUPTA, R. P.
Sensorimotor control in Parkinsonism, 742
Sensory and motor fibres in ulnar nerve, differential sensitivity of, 75
— conditioning, effect on H-reflex, relation to Renshaw cell activity, 674
— conduction in peroneal and posterior tibial nerves measured with averaging techniques, 942
— nature of intramuscular nerve action potential, 509
— nerve conduction in upper limbs at various stages of diabetic neuropathy, 786
— potentials, effect of ischaemia in normal subjects of different ages, 455
— neuropathy, hereditary, with mutilating lesions of extremities, 585
Serotonin, intracarotid injection before and after middle cerebral artery occlusion, cerebrovascular response to, 724
Serum creatinine phosphokinase screening in malignant hyperpyrexia, muscle studies in asymptomatic carriers identified by, 228
— IgG specific for measles or herpes simplex in multiple sclerosis (P), 889
— measles antibodies in multiple sclerosis, 57
SESHIA, S. S. See BROWN, J. K., INGRAM, T. T. S., and SESHIA, S. S.
SHAH, Z. P. See KEANEY, N. P., PICKERD, W. V. A., MCDOWALL, D. G., CORONEOS, N. J., TURNER, J. M., and SHAH, Z. P.
SHAPIRO, A. K. See SWEET, R. D., SOLOMON, G. E., WAYNE, H., SHAPIRO, E., and SHAPIRO, A. K.
SHAPIRO, E. See SWEET, R. D., SOLOMON, G. E., WAYNE, H., SHAPIRO, E., and SHAPIRO, A. K.
SHARR, M.: Bladder dysfunction and degenerative lumbar spondylosis: the clinical aspects (P), 888
SHELDON, P. W. G.: Specific angiographic changes in acute herpes simplex encephalitis (P), 888
SHENKIN, H. A., and CROWLEY, J. N.: Hydrocephalus complicating pituitary adenoma, 1063
SHEREMATA, W. A., and BEHAN, P. O.: Experimental allergic neuritis: a new experimental approach, 139
SHUANGSHOTI, S.: Neoplasm of mixed mesenchymal and neuroepithelial origin: liposarcomatous meningioma combined with gliomas, 377
Shy-Drager syndrome, Parkinsonism in, levodopa therapy for, 350
SICA, R. E. P. See MCCOMAS, A. J., SICA, R. E. P., and PETITO, F.
— See MCCOMAS, A. J., SICA, R. E. P., UPTON, A. R. M., and AGUILERA, N.
Signal averaging techniques, sensory conduction in peroneal and posterior tibial nerves measured with, 942
Sincipital encephalomeningoceles (P), 156
Skeletal muscle, sarcoidosis of, symptomatic, 1034
—, spike propagation of, effect of anticonvulsant drugs, 574
Sleep, REM, absence of nystagmus during, in patient with waking nystagmus and oscillopsia associated with demyelinating disease, 833
SMITH, P. C. GAUTIER-. See GAUTIER-SMITH, P. C.
SNEHALATHA, C. See VALMIKINATHAN, K., MASREEN, M., MEENAKSHI-SUNDARAM, E., and SNEHALATHA, C.
Society of British Neurological Surgeons: 84th Meeting, 152
— — — — — 85th Meeting (with Association of British Neurologists), 885
Sodium warfarin and 5-fluorouracil in treatment of surgically incurable tumours of neuraxis (P), 152
SOLOMON, G. E. See SWEET, R. D., SOLOMON, G. E., WAYNE, H., SHAPIRO, E., and SHAPIRO, A. K.
Somatic representation in thalamus (P), 154
SONI, S. R., and LANGMAID, C.: Posterior communicating aneurysms and oculomotor paralysis (P), 889
SOURKES, T. L. See GARELIS, E., and SOURKES, T. L.
SPALDING, J. M. K. See OPPENHEIMER, D. R., and SPALDING, J. M. K.
Spasm, arterial, and slowing of cerebral circulation in ischaemia of head injury, 1069
Spasms, infantile (P), 887
Spasticity, monosynaptic and tonic vibration reflexes in, effect of baclofen, 555
Spatial orientation, effects of left, right, and bilateral posterior cerebral lesions, 448
Spinal and cranial meningiomas in pair of identical twin boys, 368
— cord blood flow in dogs, effect of blood gases, 42
— — — — —, of blood pressure, 914
— — — — —, normal patterns of, 34
—, cervical, central, injury of, hyperpathia in, 637
—, complete transection of, abnormal cerebral blood flow regulation in (P), 885
—, upper, compression of, with symptoms and signs of lower cord dysfunction, clinicopathological explanation of (P), 886
— compression, experimental, repair mechanisms in cats after (P), 886
—, fluid injections into, syringomyelia produced in dogs by, 467
—, subacute combined degeneration of, Lhermitte's sign in, 861
— dysraphism, investigation by gas myelography (P), 890
— injury, experimental, dimethyl sulphoxide in (P), 153
— monosynaptic reflex. See Hoffmann reflex
Spindle reflexes, dynamic, operation in rigidity of Parkinsonism, and effect of levodopa, 342
Spine, aneurysmal bone cyst of, 112
—, cervical, movements of, and development of myelopathy in spondylosis (P), 155
—, tabetic arthropathy of, cauda equina compression due to, 260
Spondylosis, cervical, with myelopathy, surgical treatment of, results over 10 years, 879
—, development of myelopathy and movements of cervical spine in (P), 155
—, lumbar, degenerative, bladder dysfunction due to, clinical and radiological aspects of (P), 888
Spongy glio-neuronal dystrophy, 50
STADEN, G. See GRIFFITH, H. B., CUMMINS, B. H., GRIFFITHS, P., GREENBAUM, R., STADEN, G., WILKINS, D., and ZORAB, J.
STOTT, B. See BRICE, J., DWYER, G., CRUIKSHANK, G., and STOTT, B.
Stress, physiological responses to, relation to body-build and psychological tests, 839
Stretch reflexes and shortening reactions in activated normal subjects, comparison with rigidity of Parkinson's disease, 329
—, tonic, in athetosis, comparison during rest and voluntary activity, 547
—, transmission of, supraspinal control of, effect of procaine infiltration into biceps brachii muscle on, 87
STUART, A. See GOMERSALL, J. D., and STUART, A.
Subarachnoid haemorrhage, metabolic response to (P), 885
Supratentorial and infratentorial mass lesions, intracranial pressure increase in baboons due to, cerebral blood changes during, 161
SWEET, R. D., SOLOMON, G. E., WAYNE, H., SHAPIRO, E., and SHAPIRO, A. K.: Neurological features of Gilles de la Tourette's syndrome, 1
SWEET, W. H., and WEPSC, J. G.: Controlled thermocoagulation of trigeminal ganglion and rootlets for differential destruction of pain fibres (P), 155
SWINBURN, W. R., and LIVEREDGE, L. A.: Long-term treatment of multiple sclerosis with azathioprine, 124
Sympathetic chain, paravertebral, myelinated fibres (white rami communicantes) in, quantitative studies on, 777
Synaptogenesis in cell cultures of neurones and myotubes from chickens with muscular dystrophy, 389
Syringomyelia produced by fluid injections into spinal cord in dogs, 467
Tabetic arthropathy of spine, cauda equina compression due to, 260
TANDON, P. N. See PRAKASH, B., BANERJI, A. K., and TANDON, P. N.
TAUBER, E. S., WEITZMAN, E. D., HERMAN, J., and PESSAH, M.: Absence of nystagmus during REM sleep in a patient with waking nystagmus and oscillopsia, 833
TAYLOR, A. R.: Upper cervical spinal cord compression with symptoms and signs of lower cord dysfunction: clinicopathological explanation (P), 886
— See also HANCOCK, D. O., HILL, A., RANA, N., and TAYLOR, A. R.
Telencephalic leucoencephalopathy, perinatal, hypertrophic astrocytes as criterion of, 383
Testis, seminoma of, histochemical comparison with ectopic pinealoma, 864
Tetanus, cephalic, electrophysiological studies of, 296
Thalamotomy, psychological changes after, correlation with site of lesion, 846
Thalamus, somatic representation in (P), 154
Thenar muscles, motor unit count estimates in carpal tunnel syndrome, 194
Thermal diffusion, cortical blood flow in controlled hypotension as measured by, 906
Thermocoagulation of trigeminal ganglion and rootlets, controlled, for differential destruction of pain fibres (P), 155
Thermoregulatory mechanisms, central and reflex, independence of, in intermittent hypothermia, 411
Thymus antigen, lymphocyte sensitization to, in multiple sclerosis and other neurological diseases, 604
Tibial nerve, posterior, conduction measured with averaging techniques, 942

- TIMPERLEY, W. R. See BEELEY, J. M., DALY, J. J., TIMPERLEY, W. R., and WARNER, J.
- Tolosa Hunt syndrome (superior orbital fissure syndrome), clinical and radiological observations on, 486
- TONALI, P., and GAMBÌ, D.: Neuromuscular block after intra-arterially injected acetylcholine, I. Introduction, methods, and technique, 265
- See also PINELLI, P., TONALI, P., and GAMBÌ, D.
- Tonic vibration reflex in spasticity, effect of baclofen, 555
- TONON, G. C. See ANDREOLI, V. M., MAFFEI, F., TONON, G. C., and ZIBETTI, A.
- Tourette's syndrome. See Gilles de la Tourette's syndrome
- TOWNSEND, H. R. A. See HARRIS, P., ASHCROFT, G. W., TOWNSEND, H. R. A., DOW, R. C., and MCQUEEN, J. K.
- Tracheostomy, effect in hypersomnia with periodic breathing, 15
- TREIP, C. S. See ANDERSON, J. R., and TREIP, C. S.
- Tremor, essential, effect of propranolol, 618
- Trigeminal ganglion and rootlets, controlled thermocoagulation of, for differential destruction of pain fibres (P), 155
- TRONTELI, J. V.: A study of the H-reflex by single fibre EMG, 951
- TRUEBA, J. L. See GIMENO, A., TRUEBA, J. L., BLANCO, M., and GOSALVEZ, M.
- Tumours of neuraxis, surgically incurable, combination drug and irradiation therapy for (P), 152
- of third ventricle, direct surgical attack in (P), 152
- TURNER, B. See HOPKINS, I. J., and TURNER, B.
- TURNER, J., and BOND, M. R.: Cervical percutaneous cordotomy for the relief of intractable pain and suffering (P), 889
- TURNER, J. M. See KEANEY, N. P., PICKERD, V. W. A., MCDOWALL, D. G., CORONEOS, N. J., TURNER, J. M., and SHAH, Z. P.
- Twin boys, identical, pair of, cranial and spinal meningiomas in, 368
- Ulnar nerve lesions associated with carpal tunnel syndrome, 118
- , motor and sensory fibres in, differential sensitivity of, 75
- UPTON, A. R. M. See CACCIA, M. R., MCCOMAS, A. J., UPTON, A. R. M., and BLOGG, T.
- See MCCOMAS, A. J., SICA, R. E. P., UPTON, A. R. M., and AGUILERA, N.
- UTTLEY, D.: A fundamentally different approach to radiological diagnosis: computerized X-ray scanning (P), 887
- VALMIKINATHAN, K., MASCREEN, M., MEENAKSHISUNDARAM, E., and SNEHALATHA, C.: Biochemical aspects of motor neurone disease—Madras pattern, 753
- Vasospasm after aneurysm surgery, hypothesis based on fluidics for (P), 887
- VEALE, J. L., MARK, R. F., and REES, S.: Differential sensitivity of motor and sensory fibres in human ulnar nerve, 75
- , and REES, S.: Renshaw cell activity in man, 674
- Ventricle, third, tumours of, direct surgical attack in (P), 152
- Vertebrobasilar insufficiency, transient, occipital craniectomy for (P), 890
- VICARY, D. J. See HORROCKS, P. M., VICARY, D. J., REES, J. E., PARKES, J. D., and MARSDEN, C. D.
- Visual evoked response and electroretinogram in neuronal lipidosis with diagnostic EEG features, 61
- WALSH, J. C. See SEDAL, L., MCLEOD, J. G., and WALSH, J. C.
- WALTON, J. N. See BRADLEY, W. G., HUGGSON, P., GARDNER-MEDWIN, D., and WALTON, J. N.
- WARNER, J. See BEELEY, J. M., DALY, J. J., TIMPERLEY, W. R., and WARNER, J.
- WAYNE, H. See SWEET, R. D., SOLOMON, G. E., WAYNE, H., SHAPIRO, E., and SHAPIRO, A. K.
- WEINER, W. J., and KLAUWANS, H. L., JR.: Failure of cerebrospinal fluid homovanillic acid to predict levodopa response in Parkinson's disease, 747
- WEITZMAN, E. D. See TAUBER, E. S., WEITZMAN, E. D., HERMAN, J., and PESSAH, M.
- WELCH, K. M. A., HASHI, K., and MEYER, J. S.: Cerebrovascular response to intracarotid injection of serotonin before and after middle cerebral artery occlusion, 724
- WELLER, R. O. See LALLEMAND, R. C., and WELLER, R. O.
- See WILLIAMS, B., and WELLER, R. O.
- WEPSCIC, J. G. See SWEET, W. H., and WEPSCIC, J. G.
- WHATMORE, W. J.: Sincipital encephalomeningocoeles (P), 156
- WHITE, Y. S., BELL, D. S., and MELLICK, R.: Sequelae to pneumoencephalography, 146
- WILCOX, C. S. See AMINOFF, M. J., WILCOX, C. S., WOAKES, M. M., and KREMER, M.
- WILKINS, D. See GRIFFITH, H. B., CUMMINS, B. H., GRIFFITHS, P., GREENBAUM, R., STADDEN, G., WILKINS, D., and ZORAB, J.
- WILKINSON, M.: Ergotamine tartrate in the treatment of migraine (P), 889
- WILLIAMS, B., and WELLER, R. O.: Syringomyelia produced by intramedullary fluid injection in dogs, 467
- WOAKES, M. M. See AMINOFF, M. J., WILCOX, C. S., WOAKES, M. M., and KREMER, M.
- WORTZMAN, G. See BENOIT, B. G., and WORTZMAN, G.
- X-ray scanning, computerized (P), 887
- YORKE, R. A. See COCHRANE, P., HUGHES, R. R., BUXTON, P. H., and YORKE, R. A.
- YOUNG, H. See KIRSCH, W. M., SCHULZ, D., and YOUNG, H.
- YUILL, G. M. See COX, B., DANTA, G., SCHNIEDEN, H., and YUILL, G. M.
- ZABLOW, L. See LOVELACE, R. E., MYERS, S. J., and ZABLOW, L.
- ZELLWEGER, H. See AFIFI, A. K., BERGMAN, R. A., and ZELLWEGER, H.
- ZIBETTI, A. See ANDREOLI, V. M., MAFFEI, F., TONON, G. C., and ZIBETTI, A.
- ZILKHA, K. J. See MARSDEN, C. D., BARRY, P. E., PARKES, J. D., and ZILKHA, K. J.
- ZORAB, J. See GRIFFITH, H. B., CUMMINS, B. H., GRIFFITHS, P., GREENBAUM, R., STADDEN, G., WILKINS, D., and ZORAB, J.